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Rio Blanco Oil Shale Company

MODULAR DEVELOPMENT PHASE MONITORING REPORT ONE

VOLUME 2 OF 2

SEPTEMBER 1977 THRU NOVEMBER 1977 YEAR END REPORT

Gulf Oil Corporation
and
Standard Oil Company (Indiana)
A General Partnership
9725 East Hampden Avenue, Denver, Colorado 80231

U. S. DEPARTMENT OF INTERIOR
OIL SHALE
ENVIRONMENTAL ADVISORY PANEL
Denver Federal Center

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RIO BLANCO OIL SHALE COMPANY
MODULAR DEVELOPMENT PHASE
MONITORING REPORT 1

September - November 1977
YEAR-END REPORT

DATA VOLUME

February 15, 1978

U. S. DEPARTMENT OF INTERIOR
OIL SHALE
ENVIRONMENTAL ADVISORY PANEL
Denver Federal Center

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APPENDIX 2-1
RBOSC AIR QUALITY DATA

APPENDIX 2-1*

RBOSC AIR QUALITY DATA

*Missing data indicated by 999

APPENDIX 2-1.1

GASEOUS CONSTITUENTS AND OZONE DATA - SITE 1

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* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	9	1	1	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	2	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	3	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	4	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	5	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	6	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	7	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	8	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	9	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	10	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	11	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	12	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	13	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	14	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	15	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	16	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	17	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	18	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	19	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	20	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	21	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	22	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	23	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	1	24	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	2	1	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	2	2	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	2	3	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	2	4	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	2	5	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	2	6	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	2	7	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	2	8	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	2	9	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	2	10	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	2	11	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	2	12	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	2	13	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	2	14	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	2	15	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	2	16	0.01	2.13	0.005	0.5	0.01	1.36	0.005	0.060	999.999
77	9	2	17	0.01	2.14	0.005	0.5	0.01	1.36	0.005	0.060	999.999
77	9	2	18	0.01	2.15	0.005	0.5	0.01	1.37	0.005	0.058	999.999
77	9	2	19	0.01	2.17	0.005	0.5	0.01	1.38	0.005	0.053	999.999
77	9	2	20	0.01	2.19	0.005	0.5	0.01	1.39	0.005	0.053	999.999
77	9	2	21	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.058	999.999
77	9	2	22	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.060	999.999
77	9	2	23	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.058	999.999
77	9	2	24	0.01	2.21	0.005	0.5	0.01	1.40	0.005	0.053	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	9	3	1	0.01	2.21	0.005	0.5	0.01	1.40	0.005	0.052	999.999
77	9	3	2	0.01	2.21	0.005	0.5	0.01	1.40	0.005	0.052	999.999
77	9	3	3	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.056	999.999
77	9	3	4	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.053	999.999
77	9	3	5	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.051	999.999
77	9	3	6	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.049	999.999
77	9	3	7	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.049	999.999
77	9	3	8	0.01	2.21	0.005	0.5	0.01	1.40	0.005	0.055	999.999
77	9	3	9	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.056	999.999
77	9	3	10	0.01	2.19	0.005	0.5	0.01	1.39	0.005	0.059	999.999
77	9	3	11	0.01	2.18	0.005	0.5	0.01	1.38	0.005	0.060	999.999
77	9	3	12	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	3	13	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	3	14	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	3	15	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	3	16	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	3	17	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	3	18	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	3	19	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	3	20	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	3	21	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	3	22	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	3	23	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	3	24	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	4	1	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	4	2	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	4	3	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	4	4	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	4	5	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	4	6	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	4	7	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	4	8	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	4	9	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	4	10	999.99	999.99	999.999	0.5	999.99	999.99	999.999	0.059	999.999
77	9	4	11	999.99	999.99	999.999	0.5	999.99	999.99	999.999	0.060	999.999
77	9	4	12	999.99	999.99	999.999	0.5	999.99	999.99	999.999	0.066	999.999
77	9	4	13	999.99	999.99	999.999	0.5	999.99	999.99	999.999	0.067	999.999
77	9	4	14	999.99	999.99	0.005	0.5	999.99	999.99	0.005	0.063	999.999
77	9	4	15	999.99	999.99	0.005	0.5	0.01	999.99	0.005	0.063	999.999
77	9	4	16	0.01	2.13	0.005	0.5	0.01	1.35	0.005	0.064	999.999
77	9	4	17	0.01	2.13	0.005	0.5	0.01	1.36	0.005	0.062	999.999
77	9	4	18	0.01	2.19	0.005	0.5	0.01	1.37	0.005	0.058	999.999
77	9	4	19	0.01	2.17	0.005	0.5	0.01	1.38	0.005	0.055	999.999
77	9	4	20	0.01	2.19	0.005	0.5	0.01	1.39	0.005	0.058	999.999
77	9	4	21	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.058	999.999
77	9	4	22	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.059	999.999
77	9	4	23	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.060	999.999
77	9	4	24	0.01	2.25	0.005	0.5	0.01	1.42	0.005	0.062	999.999

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	9	5	1	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.064	999.999
77	9	5	2	0.01	2.22	0.005	0.5	0.01	1.41	0.005	0.062	999.999
77	9	5	3	0.01	2.24	0.005	0.5	0.01	1.42	0.005	0.064	999.999
77	9	5	4	0.01	2.21	0.005	0.5	0.01	1.40	0.005	0.064	999.999
77	9	5	5	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.060	999.999
77	9	5	6	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.055	999.999
77	9	5	7	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.053	999.999
77	9	5	8	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.052	999.999
77	9	5	9	0.01	2.02	999.999	999.9	0.01	1.36	0.005	0.051	999.999
77	9	5	10	999.99	2.18	999.999	0.5	0.01	1.38	0.005	0.060	999.999
77	9	5	11	999.99	2.16	999.999	0.5	0.01	1.37	0.005	0.064	999.999
77	9	5	12	999.99	2.14	999.999	0.5	0.01	1.36	0.005	0.067	999.999
77	9	5	13	0.01	2.14	999.999	0.5	0.01	1.36	0.005	0.068	999.999
77	9	5	14	0.01	2.13	999.999	0.5	0.01	1.35	999.999	0.070	999.999
77	9	5	15	0.01	2.13	999.999	0.5	0.01	1.35	0.005	0.068	999.999
77	9	5	16	0.01	2.10	999.999	0.5	0.01	1.34	0.005	0.070	999.999
77	9	5	17	0.01	2.10	0.005	0.5	0.01	1.34	0.005	0.068	999.999
77	9	5	18	0.01	2.12	0.005	0.5	0.01	1.35	0.005	0.062	999.999
77	9	5	19	0.01	2.15	0.005	0.5	0.01	1.38	0.005	0.058	999.999
77	9	5	20	0.01	2.18	0.005	0.5	0.01	1.39	0.005	0.059	999.999
77	9	5	21	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.060	999.999
77	9	5	22	0.01	2.21	0.005	0.5	0.01	1.40	0.005	0.062	999.999
77	9	5	23	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.062	999.999
77	9	5	24	0.01	2.22	0.005	0.5	0.01	1.41	0.005	0.064	999.999
77	9	6	1	0.01	2.22	0.005	0.5	0.01	1.41	0.005	0.064	999.999
77	9	6	2	0.01	2.22	0.005	0.5	0.01	1.41	0.005	0.066	999.999
77	9	6	3	0.01	2.21	0.005	0.5	0.01	1.40	0.005	0.064	999.999
77	9	6	4	0.01	2.21	0.005	0.5	0.01	1.41	0.005	0.063	999.999
77	9	6	5	0.01	2.23	0.005	0.5	0.01	1.41	0.005	0.060	999.999
77	9	6	6	0.01	2.22	0.005	0.5	0.01	1.41	0.005	0.060	999.999
77	9	6	7	0.01	2.23	0.005	0.5	0.01	1.41	0.005	0.059	999.999
77	9	6	8	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.053	999.999
77	9	6	9	0.01	2.23	0.005	0.5	0.01	1.41	0.005	0.059	999.999
77	9	6	10	0.01	2.22	0.005	0.5	0.01	1.41	0.005	0.062	999.999
77	9	6	11	0.01	2.18	0.005	0.5	0.01	1.38	0.005	0.066	999.999
77	9	6	12	0.01	2.16	0.005	0.5	0.01	1.38	0.005	0.066	999.999
77	9	6	13	0.01	2.16	0.005	0.5	0.01	1.38	0.005	0.067	999.999
77	9	6	14	0.01	2.16	0.005	0.5	0.01	1.38	0.005	0.068	999.999
77	9	6	15	0.01	2.16	0.005	0.5	0.01	1.37	0.005	0.070	999.999
77	9	6	16	0.01	2.15	0.005	0.5	0.01	1.37	0.005	0.068	999.999
77	9	6	17	0.01	2.16	0.005	0.5	0.01	1.37	0.005	0.068	999.999
77	9	6	18	0.01	2.16	0.005	0.5	0.01	1.38	0.005	0.064	999.999
77	9	6	19	0.01	2.17	0.005	0.5	0.01	1.39	0.005	0.066	999.999
77	9	6	20	0.01	2.19	0.005	0.5	0.01	1.40	0.005	0.066	999.999
77	9	6	21	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.066	999.999
77	9	6	22	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.066	999.999
77	9	6	23	0.01	2.21	0.005	0.5	0.01	1.40	0.005	0.064	999.999
77	9	6	24	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.063	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	9	7	1	0.01	2.19	0.005	0.5	0.01	1.40	0.005	0.063	999.999
77	9	7	2	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.060	999.999
77	9	7	3	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.063	999.999
77	9	7	4	0.01	2.19	0.005	0.5	0.01	1.40	0.005	0.062	999.999
77	9	7	5	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.064	999.999
77	9	7	6	0.01	2.19	0.005	0.5	0.01	1.40	0.005	0.064	999.999
77	9	7	7	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.060	999.999
77	9	7	8	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.055	999.999
77	9	7	9	0.01	2.20	0.005	0.5	0.01	1.39	0.005	0.056	999.999
77	9	7	10	0.01	2.17	0.005	0.5	0.01	1.38	0.005	0.059	999.999
77	9	7	11	0.01	2.14	0.005	0.5	0.01	1.37	0.005	0.067	999.999
77	9	7	12	0.01	2.13	0.005	0.5	0.01	1.36	0.005	0.067	999.999
77	9	7	13	0.01	2.13	0.005	0.5	0.01	1.36	0.005	0.067	999.999
77	9	7	14	0.01	2.12	0.005	0.5	0.01	1.35	0.005	0.067	999.999
77	9	7	15	0.01	2.12	0.005	0.5	0.01	1.34	0.005	0.067	999.999
77	9	7	16	0.01	2.14	0.005	0.5	0.01	1.33	0.005	0.067	999.999
77	9	7	17	0.01	2.10	0.005	0.5	0.01	1.34	0.005	0.066	999.999
77	9	7	18	0.01	2.13	0.005	0.5	0.01	1.36	0.005	0.064	999.999
77	9	7	19	0.01	2.15	0.005	0.5	0.01	1.38	0.005	0.062	999.999
77	9	7	20	0.01	2.17	0.005	0.5	0.01	1.38	0.005	0.062	999.999
77	9	7	21	0.01	2.17	0.005	0.5	0.01	1.38	0.005	0.060	999.999
77	9	7	22	0.01	2.16	0.005	0.5	0.01	1.38	0.005	0.059	999.999
77	9	7	23	0.01	2.17	0.005	0.5	0.01	1.38	0.005	0.058	999.999
77	9	7	24	0.01	2.17	0.005	0.5	0.01	1.38	0.005	0.058	999.999
77	9	8	1	0.01	2.17	0.005	0.5	0.01	1.38	0.005	0.056	999.999
77	9	8	2	0.01	2.18	0.005	0.5	0.01	1.38	0.005	0.058	999.999
77	9	8	3	0.01	2.17	0.005	0.5	0.01	1.38	0.005	0.058	999.999
77	9	8	4	0.01	2.17	0.005	0.5	0.01	1.38	0.005	0.060	999.999
77	9	8	5	0.01	2.17	0.005	0.5	0.01	1.38	0.005	0.059	999.999
77	9	8	6	0.01	2.17	0.005	0.5	0.01	1.38	0.005	0.063	999.999
77	9	8	7	0.01	2.17	0.005	0.5	0.01	1.38	0.005	0.066	999.999
77	9	8	8	0.01	2.17	0.005	0.5	0.01	1.38	0.005	0.063	999.999
77	9	8	9	0.01	2.17	0.005	0.5	0.01	1.37	0.005	0.067	999.999
77	9	8	10	0.01	2.15	0.005	0.5	0.01	1.37	0.005	0.070	999.999
77	9	8	11	0.01	2.15	0.005	0.5	0.01	1.37	0.005	0.068	999.999
77	9	8	12	0.01	2.15	0.005	0.5	0.01	1.36	0.005	0.067	999.999
77	9	8	13	0.01	2.13	0.005	0.5	0.01	1.36	0.005	0.067	999.999
77	9	8	14	0.01	2.13	0.005	0.5	0.01	1.35	0.005	0.068	999.999
77	9	8	15	0.01	2.12	0.005	0.5	0.01	1.35	0.005	0.073	999.999
77	9	8	16	0.01	2.13	0.005	0.5	0.01	1.35	0.005	0.075	999.999
77	9	8	17	0.01	2.13	0.005	0.5	0.01	1.36	0.005	0.081	999.999
77	9	8	18	0.01	2.15	0.005	0.5	0.01	1.37	0.005	0.079	999.999
77	9	8	19	0.01	2.18	0.005	0.5	0.01	1.38	0.005	0.074	999.999
77	9	8	20	0.01	2.20	0.005	0.5	0.01	1.39	0.005	0.068	999.999
77	9	8	21	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.066	999.999
77	9	8	22	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.060	999.999
77	9	8	23	0.01	2.23	0.005	0.5	0.01	1.41	0.005	0.063	999.999
77	9	8	24	0.01	2.23	0.005	0.5	0.01	1.41	0.005	0.067	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	9	9	1	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.071	999.999
77	9	9	2	0.01	2.24	0.005	0.5	0.01	1.42	0.005	0.071	999.999
77	9	9	3	0.01	2.25	0.005	0.5	0.01	1.42	0.005	0.073	999.999
77	9	9	4	0.01	2.26	0.005	0.5	0.01	1.42	0.005	0.071	999.999
77	9	9	5	0.01	2.26	0.005	0.5	0.01	1.42	0.005	0.068	999.999
77	9	9	6	0.01	2.26	0.005	0.5	0.01	1.42	0.005	0.067	999.999
77	9	9	7	0.01	2.26	0.005	0.5	0.01	1.42	0.005	0.063	999.999
77	9	9	8	0.01	2.27	0.005	0.5	0.01	1.41	0.005	0.062	999.999
77	9	9	9	0.01	2.25	0.005	0.5	0.01	1.40	0.005	0.064	999.999
77	9	9	10	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.066	999.999
77	9	9	11	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.066	999.999
77	9	9	12	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.068	999.999
77	9	9	13	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.068	999.999
77	9	9	14	0.01	2.16	0.005	0.5	0.01	1.36	0.005	0.070	999.999
77	9	9	15	0.01	2.14	0.005	0.5	0.01	1.35	0.005	0.071	999.999
77	9	9	16	0.01	2.13	0.005	0.5	0.01	1.35	0.005	0.071	999.999
77	9	9	17	0.01	2.13	0.005	0.5	0.01	1.35	0.005	0.073	999.999
77	9	9	18	0.01	2.15	0.005	0.5	0.01	1.36	0.005	0.073	999.999
77	9	9	19	0.01	2.17	0.005	0.5	0.01	1.37	0.005	0.066	999.999
77	9	9	20	0.01	2.18	0.005	0.5	0.01	1.38	0.005	0.064	999.999
77	9	9	21	0.01	2.19	0.005	0.5	0.01	1.39	0.005	0.066	999.999
77	9	9	22	0.01	2.20	0.005	0.5	0.01	1.39	0.005	0.062	999.999
77	9	9	23	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.063	999.999
77	9	9	24	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.063	999.999
77	9	10	1	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.063	999.999
77	9	10	2	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.063	999.999
77	9	10	3	0.01	2.23	0.005	0.5	0.01	1.41	0.005	0.063	999.999
77	9	10	4	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.064	999.999
77	9	10	5	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.063	999.999
77	9	10	6	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.063	999.999
77	9	10	7	0.01	2.22	0.005	0.5	0.01	1.39	0.005	0.063	999.999
77	9	10	8	0.01	2.22	0.005	0.5	0.01	1.38	0.005	0.062	999.999
77	9	10	9	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.062	999.999
77	9	10	10	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.064	999.999
77	9	10	11	0.01	2.17	0.005	0.5	0.01	1.37	0.005	0.067	999.999
77	9	10	12	0.01	2.15	0.005	0.5	0.01	1.36	0.005	0.068	999.999
77	9	10	13	0.01	2.17	0.005	0.5	0.01	1.37	0.005	0.068	999.999
77	9	10	14	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.067	999.999
77	9	10	15	0.01	2.16	0.005	0.5	0.01	1.36	0.005	0.067	999.999
77	9	10	16	0.01	2.15	0.005	0.5	0.01	1.36	0.005	0.067	999.999
77	9	10	17	0.01	2.16	0.005	0.5	0.01	1.37	0.005	0.066	999.999
77	9	10	18	0.01	2.16	0.005	0.5	0.01	1.37	0.005	0.063	999.999
77	9	10	19	0.01	2.16	0.005	0.5	0.01	1.37	0.005	0.063	999.999
77	9	10	20	0.01	2.17	0.005	0.5	0.01	1.37	0.005	0.064	999.999
77	9	10	21	0.01	2.17	0.005	0.5	0.01	1.38	0.005	0.063	999.999
77	9	10	22	0.01	2.17	0.005	0.5	0.01	1.38	0.005	0.060	999.999
77	9	10	23	0.01	2.17	0.005	0.5	0.01	1.37	0.005	0.060	999.999
77	9	10	24	0.01	2.16	0.005	0.5	0.01	1.37	0.005	0.059	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	9	11	1	0.01	2.16	0.005	0.5	0.01	1.37	0.005	0.062	999.999
77	9	11	2	0.01	2.15	0.005	0.5	0.01	1.36	0.005	0.062	999.999
77	9	11	3	0.01	2.15	0.005	0.5	0.01	1.36	0.005	0.058	999.999
77	9	11	4	0.01	2.16	0.005	0.5	0.01	1.36	0.005	0.053	999.999
77	9	11	5	0.01	2.16	0.005	0.5	0.01	1.36	0.005	0.053	999.999
77	9	11	6	0.01	2.15	0.005	0.5	0.01	1.36	0.005	0.059	999.999
77	9	11	7	0.01	2.15	0.005	0.5	0.01	1.36	0.005	0.062	999.999
77	9	11	8	0.01	2.16	0.005	0.5	0.01	1.36	0.005	0.060	999.999
77	9	11	9	0.01	2.16	0.005	0.5	0.01	1.35	0.005	0.059	999.999
77	9	11	10	0.01	2.13	0.005	0.5	0.01	1.34	0.005	0.060	999.999
77	9	11	11	0.01	2.16	0.005	0.5	0.01	1.36	0.005	0.056	999.999
77	9	11	12	0.01	2.19	0.005	0.5	0.01	1.36	0.005	0.056	999.999
77	9	11	13	0.01	2.16	0.005	0.5	0.01	1.35	0.005	0.058	999.999
77	9	11	14	0.01	2.13	0.005	0.5	0.01	1.34	0.005	0.059	999.999
77	9	11	15	0.01	2.13	0.005	0.5	0.01	1.34	0.005	0.059	999.999
77	9	11	16	0.01	2.13	0.005	0.5	0.01	1.34	0.005	0.058	999.999
77	9	11	17	0.01	2.13	0.005	0.5	0.01	1.33	0.005	0.053	999.999
77	9	11	18	0.01	2.17	0.005	0.5	0.01	1.34	0.005	0.051	999.999
77	9	11	19	0.01	2.16	0.005	0.5	0.01	1.35	0.005	0.047	999.999
77	9	11	20	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.044	999.999
77	9	11	21	0.01	2.19	0.005	0.5	0.01	1.37	0.005	0.041	999.999
77	9	11	22	0.01	2.19	0.005	0.5	0.01	1.37	0.005	0.041	999.999
77	9	11	23	0.01	2.18	0.005	0.5	0.01	1.36	0.005	0.045	999.999
77	9	11	24	0.01	2.22	0.005	0.5	0.01	1.38	0.005	0.044	999.999
77	9	12	1	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.044	999.999
77	9	12	2	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.048	999.999
77	9	12	3	0.01	2.15	0.005	0.5	0.01	1.36	0.005	0.053	999.999
77	9	12	4	0.01	2.14	0.005	0.5	0.01	1.35	0.005	0.051	999.999
77	9	12	5	0.01	2.15	0.005	0.5	0.01	1.36	0.005	0.052	999.999
77	9	12	6	0.01	2.15	0.005	0.5	0.01	1.36	0.005	0.052	999.999
77	9	12	7	0.01	2.16	0.005	0.5	0.01	1.36	0.005	0.048	999.999
77	9	12	8	0.01	2.16	0.005	0.5	0.01	1.35	0.005	0.048	999.999
77	9	12	9	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.056	999.999
77	9	12	10	0.01	999.99	0.005	999.9	0.01	1.34	0.005	0.053	999.999
77	9	12	11	0.01	2.17	0.005	0.5	0.01	1.35	0.005	0.060	999.999
77	9	12	12	0.01	2.13	0.005	0.5	0.01	1.34	0.005	0.063	999.999
77	9	12	13	0.01	2.11	999.999	0.5	0.01	1.33	0.005	0.064	999.999
77	9	12	14	999.99	2.10	999.999	0.5	0.01	1.32	0.005	0.064	999.999
77	9	12	15	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	12	16	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	12	17	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	12	18	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	12	19	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	12	20	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	12	21	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	12	22	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	12	23	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	12	24	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	9	13	1	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	13	2	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	13	3	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	13	4	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	13	5	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	13	6	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	9	13	7	0.01	2.17	999.999	0.5	0.01	1.36	0.005	0.063	999.999
77	9	13	8	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.059	999.999
77	9	13	9	0.01	2.21	0.005	0.5	0.01	1.38	0.005	0.062	999.999
77	9	13	10	0.01	2.21	0.005	0.5	0.01	1.37	0.005	0.063	999.999
77	9	13	11	0.01	2.18	0.005	0.5	0.01	1.36	0.005	0.062	999.999
77	9	13	12	0.01	2.16	0.005	0.5	0.01	1.35	0.005	0.060	999.999
77	9	13	13	0.01	2.16	0.005	0.5	0.01	1.35	0.005	0.060	999.999
77	9	13	14	0.01	2.15	0.005	0.5	0.01	1.35	0.005	0.062	999.999
77	9	13	15	0.01	2.14	0.005	0.5	0.01	1.34	0.005	0.064	999.999
77	9	13	16	0.01	2.14	0.005	0.5	0.01	1.34	0.005	0.067	999.999
77	9	13	17	0.01	2.17	0.005	0.5	0.01	1.35	0.005	0.066	999.999
77	9	13	18	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.060	999.999
77	9	13	19	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.060	999.999
77	9	13	20	0.01	2.22	0.005	0.5	0.01	1.39	0.005	0.060	999.999
77	9	13	21	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.063	999.999
77	9	13	22	0.01	2.25	0.005	0.5	0.01	1.40	0.005	0.058	999.999
77	9	13	23	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.059	999.999
77	9	13	24	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.062	999.999
77	9	14	1	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.062	999.999
77	9	14	2	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.062	999.999
77	9	14	3	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.062	999.999
77	9	14	4	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.060	999.999
77	9	14	5	0.01	2.23	0.005	0.5	0.01	1.39	0.005	0.062	999.999
77	9	14	6	0.01	2.23	0.005	0.5	0.01	1.39	0.005	0.060	999.999
77	9	14	7	0.01	2.23	0.005	0.5	0.01	1.39	0.005	0.059	999.999
77	9	14	8	0.01	2.23	0.005	0.5	0.01	1.39	0.005	0.058	999.999
77	9	14	9	0.01	2.21	0.005	0.5	0.01	1.37	0.005	0.058	999.999
77	9	14	10	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.066	999.999
77	9	14	11	0.01	2.21	0.005	0.5	0.01	1.38	0.005	0.066	999.999
77	9	14	12	0.01	2.21	0.005	0.5	0.01	1.38	0.005	0.066	999.999
77	9	14	13	0.01	2.21	0.005	0.5	0.01	1.38	0.005	0.066	999.999
77	9	14	14	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.064	999.999
77	9	14	15	0.01	2.16	0.005	0.5	0.01	1.35	0.005	0.064	999.999
77	9	14	16	0.01	2.16	0.005	0.5	0.01	1.35	0.005	0.066	999.999
77	9	14	17	0.01	2.16	0.005	0.5	0.01	1.36	0.005	0.067	999.999
77	9	14	18	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.066	999.999
77	9	14	19	0.01	2.19	0.005	0.5	0.01	1.37	0.005	0.063	999.999
77	9	14	20	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.060	999.999
77	9	14	21	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.049	999.999
77	9	14	22	0.01	2.20	0.005	0.5	0.01	1.37	0.005	0.040	999.999
77	9	14	23	0.01	2.17	0.005	0.5	0.01	1.36	0.005	0.041	999.999
77	9	14	24	0.01	2.16	0.005	0.5	0.01	1.35	0.005	0.051	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	9	15	1	0.01	2.16	0.005	0.5	0.01	1.36	0.005	0.058	999.999
77	9	15	2	0.01	2.16	0.005	0.5	0.01	1.36	0.005	0.053	999.999
77	9	15	3	0.01	2.17	0.005	0.5	0.01	1.36	0.005	0.045	999.999
77	9	15	4	0.01	2.17	0.005	0.5	0.01	1.36	0.005	0.048	999.999
77	9	15	5	0.01	2.17	0.005	0.5	0.01	1.36	0.005	0.049	999.999
77	9	15	6	0.01	2.17	0.005	0.5	0.01	1.36	0.005	0.053	999.999
77	9	15	7	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.053	999.999
77	9	15	8	0.01	2.19	0.005	0.5	0.01	1.36	0.005	0.055	999.999
77	9	15	9	0.01	2.16	0.005	0.5	0.01	1.34	0.005	0.049	999.999
77	9	15	10	0.01	2.13	0.005	0.5	0.01	1.33	0.005	0.052	999.999
77	9	15	11	0.01	2.10	0.005	0.5	0.01	1.32	0.005	0.058	999.999
77	9	15	12	0.01	2.12	0.005	0.5	0.01	1.33	0.005	0.058	999.999
77	9	15	13	0.01	2.13	0.005	0.5	0.01	1.33	0.005	0.056	999.999
77	9	15	14	0.01	2.13	0.005	0.5	0.01	1.34	0.005	0.058	999.999
77	9	15	15	0.01	2.13	0.005	0.5	0.01	1.33	0.005	0.056	999.999
77	9	15	16	0.01	2.11	0.005	0.5	0.01	1.32	0.005	0.060	999.999
77	9	15	17	0.01	2.09	0.005	0.5	0.01	1.31	0.005	0.060	999.999
77	9	15	18	0.01	2.11	0.005	0.5	0.01	1.32	0.005	0.055	999.999
77	9	15	19	0.01	2.11	0.005	0.5	0.01	1.32	0.005	0.051	999.999
77	9	15	20	0.01	2.14	0.005	0.5	0.01	1.34	0.005	0.052	999.999
77	9	15	21	0.01	2.12	0.005	0.5	0.01	1.33	0.005	0.053	999.999
77	9	15	22	0.01	2.12	0.005	0.5	0.01	1.33	0.005	0.048	999.999
77	9	15	23	0.01	2.12	0.005	0.5	0.01	1.33	0.005	0.047	999.999
77	9	15	24	0.01	2.14	0.005	0.5	0.01	1.34	0.005	0.048	999.999
77	9	16	1	0.01	2.13	0.005	0.5	0.01	1.33	0.005	0.049	999.999
77	9	16	2	0.01	2.13	0.005	0.5	0.01	1.34	0.005	0.048	999.999
77	9	16	3	0.01	2.13	0.005	0.5	0.01	1.33	0.005	0.045	999.999
77	9	16	4	0.01	2.13	0.005	0.5	0.01	1.33	0.005	0.047	999.999
77	9	16	5	0.01	2.13	0.005	0.5	0.01	1.34	0.005	0.051	999.999
77	9	16	6	0.01	2.14	0.005	0.5	0.01	1.34	0.005	0.051	999.999
77	9	16	7	0.01	2.15	0.005	0.5	0.01	1.34	0.005	0.049	999.999
77	9	16	8	0.01	2.13	0.005	999.9	0.01	1.34	0.005	0.049	999.999
77	9	16	9	0.01	2.12	0.005	999.9	0.01	1.33	0.005	0.055	999.999
77	9	16	10	0.01	2.12	0.005	999.9	0.01	1.33	0.005	0.060	999.999
77	9	16	11	0.01	2.11	0.005	999.9	0.01	1.33	0.005	0.062	999.999
77	9	16	12	0.01	2.12	0.005	999.9	0.01	1.33	0.005	0.062	999.999
77	9	16	13	0.01	2.11	0.005	999.9	0.01	1.33	0.005	0.060	999.999
77	9	16	14	0.01	2.11	0.005	0.5	0.01	1.33	0.005	0.058	999.999
77	9	16	15	0.01	2.11	0.005	0.5	0.01	1.33	0.005	0.058	999.999
77	9	16	16	0.01	2.12	0.005	0.5	0.01	1.33	0.005	0.058	999.999
77	9	16	17	0.01	2.12	0.005	0.5	0.01	1.34	0.005	0.056	999.999
77	9	16	18	0.01	2.13	0.005	0.5	0.01	1.34	0.005	0.055	999.999
77	9	16	19	0.01	2.14	0.005	0.5	0.01	1.34	0.005	0.052	999.999
77	9	16	20	0.01	2.15	0.005	0.5	0.01	1.35	0.005	0.048	999.999
77	9	16	21	0.01	2.15	0.005	0.5	0.01	1.35	0.005	0.044	999.999
77	9	16	22	0.01	2.14	0.005	0.5	0.01	1.35	0.005	0.045	999.999
77	9	16	23	0.01	2.14	0.005	0.5	0.01	1.35	0.005	0.045	999.999
77	9	16	24	0.01	2.15	0.005	0.5	0.01	1.35	0.005	0.047	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	9	17	1	0.01	2.14	0.005	0.5	0.01	1.35	0.005	0.047	999.999
77	9	17	2	0.01	2.15	0.005	0.5	0.01	1.35	0.005	0.048	999.999
77	9	17	3	0.01	2.16	0.005	0.5	0.01	1.36	0.005	0.048	999.999
77	9	17	4	0.01	2.16	0.005	0.5	0.01	1.36	0.005	0.047	999.999
77	9	17	5	0.01	2.17	0.005	0.5	0.01	1.36	0.005	0.048	999.999
77	9	17	6	0.01	2.17	0.005	0.5	0.01	1.37	0.005	0.049	999.999
77	9	17	7	0.01	2.17	0.005	0.5	0.01	1.37	0.005	0.049	999.999
77	9	17	8	0.01	2.17	0.005	0.5	0.01	1.37	0.005	0.051	999.999
77	9	17	9	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.052	999.999
77	9	17	10	0.01	2.18	0.005	0.5	0.01	1.38	0.005	0.052	999.999
77	9	17	11	0.01	2.18	0.005	0.5	0.01	1.38	0.005	0.055	999.999
77	9	17	12	0.01	2.18	0.005	0.5	0.01	1.38	0.005	0.056	999.999
77	9	17	13	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.059	999.999
77	9	17	14	0.01	2.21	0.005	0.5	0.01	1.38	0.005	0.064	999.999
77	9	17	15	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.066	999.999
77	9	17	16	0.01	2.18	0.005	0.5	0.01	1.38	0.005	0.067	999.999
77	9	17	17	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.067	999.999
77	9	17	18	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.064	999.999
77	9	17	19	0.01	2.23	0.005	0.5	0.01	1.41	0.005	0.062	999.999
77	9	17	20	0.01	2.26	0.005	0.5	0.01	1.42	0.005	0.059	999.999
77	9	17	21	0.01	2.30	0.005	0.5	0.01	1.43	0.005	0.058	999.999
77	9	17	22	0.01	2.29	0.005	0.5	0.01	1.43	0.005	0.055	999.999
77	9	17	23	0.01	2.28	0.005	0.5	0.01	1.43	0.005	0.053	999.999
77	9	17	24	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.053	999.999
77	9	18	1	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.053	999.999
77	9	18	2	0.01	2.29	0.005	0.5	0.01	1.44	0.005	0.055	999.999
77	9	18	3	0.01	2.28	0.005	0.5	0.01	1.43	0.005	0.053	999.999
77	9	18	4	0.01	2.28	0.005	0.5	0.01	1.44	0.005	0.053	999.999
77	9	18	5	0.01	2.29	0.005	0.5	0.01	1.44	0.005	0.053	999.999
77	9	18	6	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.055	999.999
77	9	18	7	0.01	2.34	0.005	0.5	0.01	1.44	0.005	0.055	999.999
77	9	18	8	0.01	2.31	0.005	0.5	0.01	1.43	0.005	0.058	999.999
77	9	18	9	0.01	2.28	0.005	0.5	0.01	1.42	0.005	0.059	999.999
77	9	18	10	0.01	2.25	0.005	0.5	0.01	1.40	0.005	0.060	999.999
77	9	18	11	0.01	2.23	0.005	0.5	0.01	1.39	0.005	0.060	999.999
77	9	18	12	0.01	2.22	0.005	0.5	0.01	1.39	0.005	0.060	999.999
77	9	18	13	0.01	2.22	0.005	0.5	0.01	1.39	0.005	0.062	999.999
77	9	18	14	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.063	999.999
77	9	18	15	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.064	999.999
77	9	18	16	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.064	999.999
77	9	18	17	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.063	999.999
77	9	18	18	0.01	2.18	0.005	0.5	0.01	1.38	0.005	0.058	999.999
77	9	18	19	0.01	2.20	0.005	0.5	0.01	1.39	0.005	0.053	999.999
77	9	18	20	0.01	2.21	0.005	0.5	0.01	1.40	0.005	0.052	999.999
77	9	18	21	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.055	999.999
77	9	18	22	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.055	999.999
77	9	18	23	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.055	999.999
77	9	18	24	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.053	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	9	19	1	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.053	999.999
77	9	19	2	0.01	2.23	0.005	0.5	0.01	1.41	0.005	0.053	999.999
77	9	19	3	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.053	999.999
77	9	19	4	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.055	999.999
77	9	19	5	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.053	999.999
77	9	19	6	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.055	999.999
77	9	19	7	0.01	2.23	0.005	0.5	0.01	1.41	0.005	0.053	999.999
77	9	19	8	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.053	999.999
77	9	19	9	0.01	999.99	0.005	999.9	0.01	1.23	0.005	0.049	999.999
77	9	19	10	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.056	999.999
77	9	19	11	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.058	999.999
77	9	19	12	0.01	2.17	0.005	0.5	0.01	1.37	0.005	0.056	999.999
77	9	19	13	0.01	2.17	0.005	0.5	0.01	1.37	0.005	0.056	999.999
77	9	19	14	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.059	999.999
77	9	19	15	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.062	999.999
77	9	19	16	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.062	999.999
77	9	19	17	0.01	2.22	0.005	0.5	0.01	1.39	0.005	0.062	999.999
77	9	19	18	0.01	2.23	0.005	0.5	0.01	1.39	0.005	0.062	999.999
77	9	19	19	0.01	2.23	0.005	0.5	0.01	1.39	0.005	0.059	999.999
77	9	19	20	0.01	2.22	0.005	0.5	0.01	1.39	0.005	0.053	999.999
77	9	19	21	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.048	999.999
77	9	19	22	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.044	999.999
77	9	19	23	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.042	999.999
77	9	19	24	0.01	2.17	0.005	0.5	0.01	1.37	0.005	0.042	999.999
77	9	20	1	0.01	2.17	0.005	0.5	0.01	1.37	0.005	0.042	999.999
77	9	20	2	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.041	999.999
77	9	20	3	0.01	2.21	0.005	0.5	0.01	1.38	0.005	0.040	999.999
77	9	20	4	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.045	999.999
77	9	20	5	0.01	2.22	0.005	0.5	0.01	1.39	0.005	0.044	999.999
77	9	20	6	0.01	2.21	0.005	0.5	0.01	1.38	0.005	0.041	999.999
77	9	20	7	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.038	999.999
77	9	20	8	0.01	2.19	0.005	0.5	0.01	1.37	0.005	0.044	999.999
77	9	20	9	0.01	2.17	0.250	0.5	0.01	1.37	0.005	0.047	999.999
77	9	20	10	0.01	2.18	0.277	0.5	0.01	1.37	0.005	0.048	999.999
77	9	20	11	0.01	2.17	0.043	999.9	0.01	1.36	0.005	0.052	999.999
77	9	20	12	0.01	2.16	0.005	0.5	0.01	1.36	0.005	0.058	999.999
77	9	20	13	0.01	2.17	0.005	0.5	0.01	1.37	0.005	0.056	999.999
77	9	20	14	0.01	2.17	0.005	0.5	0.01	1.36	0.005	0.059	999.999
77	9	20	15	0.01	2.16	0.005	0.5	0.01	1.36	0.005	0.058	999.999
77	9	20	16	0.01	2.16	0.005	0.5	0.01	1.36	0.005	0.058	999.999
77	9	20	17	0.01	2.17	0.005	0.5	0.01	1.36	0.005	0.059	999.999
77	9	20	18	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.058	999.999
77	9	20	19	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.055	999.999
77	9	20	20	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.056	999.999
77	9	20	21	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.058	999.999
77	9	20	22	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.060	999.999
77	9	20	23	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.062	999.999
77	9	20	24	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.063	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	9	21	1	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.058	999.999
77	9	21	2	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.052	999.999
77	9	21	3	0.01	2.26	0.005	0.5	0.01	1.42	0.005	0.053	999.999
77	9	21	4	0.01	2.28	0.005	0.5	0.01	1.43	0.005	0.055	999.999
77	9	21	5	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.052	999.999
77	9	21	6	0.01	2.32	0.005	0.5	0.01	1.44	0.005	0.051	999.999
77	9	21	7	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.048	999.999
77	9	21	8	0.01	2.31	0.005	0.5	0.01	1.44	0.005	0.052	999.999
77	9	21	9	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.056	999.999
77	9	21	10	0.01	2.26	0.005	0.5	0.01	1.41	0.005	0.059	999.999
77	9	21	11	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.058	999.999
77	9	21	12	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.060	999.999
77	9	21	13	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.064	999.999
77	9	21	14	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.064	999.999
77	9	21	15	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.067	999.999
77	9	21	16	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.067	999.999
77	9	21	17	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.063	999.999
77	9	21	18	0.01	2.27	0.005	0.5	0.01	1.41	0.005	0.060	999.999
77	9	21	19	0.01	2.26	0.005	0.5	0.01	1.42	0.005	0.055	999.999
77	9	21	20	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.059	999.999
77	9	21	21	0.01	2.27	0.005	0.5	0.01	1.43	0.005	0.060	999.999
77	9	21	22	0.01	2.28	0.005	0.5	0.01	1.43	0.005	0.062	999.999
77	9	21	23	0.01	2.28	0.005	0.5	0.01	1.43	0.005	0.060	999.999
77	9	21	24	0.01	2.28	0.005	0.5	0.01	1.43	0.005	0.059	999.999
77	9	22	1	0.01	2.28	0.005	0.5	0.01	1.43	0.005	0.060	999.999
77	9	22	2	0.01	2.28	0.005	0.5	0.01	1.43	0.005	0.060	999.999
77	9	22	3	0.01	2.28	0.005	0.5	0.01	1.43	0.005	0.062	999.999
77	9	22	4	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.063	999.999
77	9	22	5	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.062	999.999
77	9	22	6	0.01	2.29	0.005	0.5	0.01	1.42	0.005	0.060	999.999
77	9	22	7	0.01	2.26	0.005	0.5	0.01	1.42	0.005	0.060	999.999
77	9	22	8	0.01	2.26	0.005	0.5	0.01	1.42	0.005	0.059	999.999
77	9	22	9	0.01	2.26	0.005	0.5	0.01	1.41	0.005	0.062	999.999
77	9	22	10	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.066	999.999
77	9	22	11	0.01	2.22	0.005	0.5	0.01	1.39	0.005	0.070	999.999
77	9	22	12	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.070	999.999
77	9	22	13	0.01	2.21	0.005	0.5	0.01	1.38	0.005	0.068	999.999
77	9	22	14	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.068	999.999
77	9	22	15	0.01	2.23	0.005	0.5	0.01	1.39	0.005	0.068	999.999
77	9	22	16	0.01	2.32	0.005	0.5	0.01	1.43	0.005	0.063	999.999
77	9	22	17	0.01	2.27	0.005	0.5	0.01	1.41	0.005	0.062	999.999
77	9	22	18	0.01	2.28	0.005	0.5	0.01	1.41	0.005	0.058	999.999
77	9	22	19	0.01	2.26	0.005	0.5	0.01	1.41	0.005	0.059	999.999
77	9	22	20	0.01	2.22	0.005	0.5	0.01	1.39	0.005	0.062	999.999
77	9	22	21	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.060	999.999
77	9	22	22	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.063	999.999
77	9	22	23	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.067	999.999
77	9	22	24	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.064	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	9	23	1	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.066	999.999
77	9	23	2	0.01	2.26	0.005	0.5	0.01	1.42	0.005	0.063	999.999
77	9	23	3	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.060	999.999
77	9	23	4	0.01	2.28	0.005	0.5	0.01	1.43	0.005	0.059	999.999
77	9	23	5	0.01	2.29	0.005	0.5	0.01	1.43	0.005	0.060	999.999
77	9	23	6	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.062	999.999
77	9	23	7	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.058	999.999
77	9	23	8	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.056	999.999
77	9	23	9	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.056	999.999
77	9	23	10	0.01	2.28	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	9	23	11	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.059	999.999
77	9	23	12	0.01	2.25	0.005	0.5	0.01	1.42	0.005	0.062	999.999
77	9	23	13	0.01	2.25	0.005	0.5	0.01	1.42	0.005	0.064	999.999
77	9	23	14	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.068	999.999
77	9	23	15	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.067	999.999
77	9	23	16	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.066	999.999
77	9	23	17	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.066	999.999
77	9	23	18	0.01	2.25	0.005	0.5	0.01	1.42	0.005	0.060	999.999
77	9	23	19	0.01	2.28	0.005	0.5	0.01	1.43	0.005	0.059	999.999
77	9	23	20	0.01	2.30	0.005	0.5	0.01	1.45	0.005	0.058	999.999
77	9	23	21	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.059	999.999
77	9	23	22	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.060	999.999
77	9	23	23	0.01	2.32	0.005	0.5	0.01	1.45	0.005	0.060	999.999
77	9	23	24	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.063	999.999
77	9	24	1	0.01	2.32	0.005	0.5	0.01	1.45	0.005	0.066	999.999
77	9	24	2	0.01	2.32	0.005	0.5	0.01	1.45	0.005	0.063	999.999
77	9	24	3	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.064	999.999
77	9	24	4	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.063	999.999
77	9	24	5	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.062	999.999
77	9	24	6	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.064	999.999
77	9	24	7	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.064	999.999
77	9	24	8	0.01	2.29	0.005	0.5	0.01	1.43	0.005	0.070	999.999
77	9	24	9	0.01	2.26	0.005	0.5	0.01	1.42	0.005	0.071	999.999
77	9	24	10	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.073	999.999
77	9	24	11	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.073	999.999
77	9	24	12	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.070	999.999
77	9	24	13	0.01	2.22	0.005	0.5	0.01	1.39	0.005	0.068	999.999
77	9	24	14	0.01	2.22	0.005	0.5	0.01	1.39	0.005	0.067	999.999
77	9	24	15	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.068	999.999
77	9	24	16	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.068	999.999
77	9	24	17	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.071	999.999
77	9	24	18	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.073	999.999
77	9	24	19	0.01	2.26	0.005	0.5	0.01	1.42	0.005	0.070	999.999
77	9	24	20	0.01	2.28	0.005	0.5	0.01	1.42	0.005	0.067	999.999
77	9	24	21	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.066	999.999
77	9	24	22	0.01	2.26	0.005	0.5	0.01	1.42	0.005	0.066	999.999
77	9	24	23	0.01	2.29	0.005	0.5	0.01	1.43	0.005	0.062	999.999
77	9	24	24	0.01	2.29	0.005	0.5	0.01	1.43	0.005	0.060	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	9	25	1	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.060	999.999
77	9	25	2	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.063	999.999
77	9	25	3	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.062	999.999
77	9	25	4	0.01	2.29	0.005	0.5	0.01	1.43	0.005	0.064	999.999
77	9	25	5	0.01	2.29	0.005	0.5	0.01	1.44	0.005	0.066	999.999
77	9	25	6	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.066	999.999
77	9	25	7	0.01	2.30	0.005	0.5	0.01	1.43	0.005	0.059	999.999
77	9	25	8	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.058	999.999
77	9	25	9	0.01	2.26	0.005	0.5	0.01	1.42	0.005	0.063	999.999
77	9	25	10	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.067	999.999
77	9	25	11	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.070	999.999
77	9	25	12	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.071	999.999
77	9	25	13	0.01	2.25	0.005	0.5	0.01	1.40	0.005	0.070	999.999
77	9	25	14	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.070	999.999
77	9	25	15	0.01	2.22	0.005	0.5	0.01	1.39	0.005	0.070	999.999
77	9	25	16	0.01	2.22	0.005	0.5	0.01	1.39	0.005	0.067	999.999
77	9	25	17	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.064	999.999
77	9	25	18	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.062	999.999
77	9	25	19	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.062	999.999
77	9	25	20	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.060	999.999
77	9	25	21	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.056	999.999
77	9	25	22	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.056	999.999
77	9	25	23	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.053	999.999
77	9	25	24	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.052	999.999
77	9	26	1	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.051	999.999
77	9	26	2	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.049	999.999
77	9	26	3	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.049	999.999
77	9	26	4	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.049	999.999
77	9	26	5	0.01	2.22	0.005	0.5	0.01	1.39	0.005	0.048	999.999
77	9	26	6	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.047	999.999
77	9	26	7	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.045	999.999
77	9	26	8	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.044	999.999
77	9	26	9	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.045	999.999
77	9	26	10	0.01	2.17	0.005	999.9	0.01	1.39	0.005	0.048	999.999
77	9	26	11	0.01	2.21	0.005	0.5	0.01	1.38	0.005	0.048	999.999
77	9	26	12	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.051	999.999
77	9	26	13	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.051	999.999
77	9	26	14	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.051	999.999
77	9	26	15	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.051	999.999
77	9	26	16	0.01	2.19	0.005	0.5	0.01	1.37	0.005	0.051	999.999
77	9	26	17	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.049	999.999
77	9	26	18	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.047	999.999
77	9	26	19	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.042	999.999
77	9	26	20	0.01	2.22	0.005	0.5	0.01	1.39	0.005	0.041	999.999
77	9	26	21	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.042	999.999
77	9	26	22	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.045	999.999
77	9	26	23	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.049	999.999
77	9	26	24	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.048	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	9	27	1	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.051	999.999
77	9	27	2	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.051	999.999
77	9	27	3	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.051	999.999
77	9	27	4	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.045	999.999
77	9	27	5	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.044	999.999
77	9	27	6	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.042	999.999
77	9	27	7	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.040	999.999
77	9	27	8	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.041	999.999
77	9	27	9	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.042	999.999
77	9	27	10	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.044	999.999
77	9	27	11	0.01	2.20	0.005	0.5	0.01	1.39	0.005	0.042	999.999
77	9	27	12	0.01	2.20	0.005	0.5	0.01	1.39	0.005	0.042	999.999
77	9	27	13	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.042	999.999
77	9	27	14	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.042	999.999
77	9	27	15	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.042	999.999
77	9	27	16	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.041	999.999
77	9	27	17	0.01	2.20	0.005	0.5	0.01	1.39	0.005	0.041	999.999
77	9	27	18	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.040	999.999
77	9	27	19	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.038	999.999
77	9	27	20	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.038	999.999
77	9	27	21	0.01	2.21	0.005	0.5	0.01	1.40	0.005	0.038	999.999
77	9	27	22	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.038	999.999
77	9	27	23	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.038	999.999
77	9	27	24	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.036	999.999
77	9	28	1	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.034	999.999
77	9	28	2	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.033	999.999
77	9	28	3	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.033	999.999
77	9	28	4	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.033	999.999
77	9	28	5	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.034	999.999
77	9	28	6	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.036	999.999
77	9	28	7	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.036	999.999
77	9	28	8	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.037	999.999
77	9	28	9	0.01	2.17	0.005	0.5	0.01	1.37	0.005	0.038	999.999
77	9	28	10	0.01	2.16	0.005	0.5	0.01	1.36	0.005	0.040	999.999
77	9	28	11	0.01	2.15	0.005	0.5	0.01	1.36	0.005	0.040	999.999
77	9	28	12	0.01	2.15	0.005	0.5	0.01	1.35	0.005	0.038	999.999
77	9	28	13	0.01	2.14	0.005	0.5	0.01	1.35	0.005	0.040	999.999
77	9	28	14	0.01	2.14	0.005	0.5	0.01	1.35	0.005	0.041	999.999
77	9	28	15	0.01	2.15	0.005	0.5	0.01	1.35	0.005	0.042	999.999
77	9	28	16	0.01	2.15	0.005	0.5	0.01	1.35	0.005	0.042	999.999
77	9	28	17	0.01	2.15	0.005	0.5	0.01	1.35	0.005	0.042	999.999
77	9	28	18	0.01	2.16	0.005	0.5	0.01	1.36	0.005	0.041	999.999
77	9	28	19	0.01	2.19	0.005	0.5	0.01	1.37	0.005	0.038	999.999
77	9	28	20	0.01	2.19	0.005	0.5	0.01	1.37	0.005	0.040	999.999
77	9	28	21	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.041	999.999
77	9	28	22	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.041	999.999
77	9	28	23	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.038	999.999
77	9	28	24	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.037	999.999

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	9	29	1	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.037	999.999
77	9	29	2	0.01	2.17	0.005	0.5	0.01	1.37	0.005	0.038	999.999
77	9	29	3	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.038	999.999
77	9	29	4	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.038	999.999
77	9	29	5	0.01	2.19	0.005	0.5	0.01	1.37	0.005	0.036	999.999
77	9	29	6	0.01	2.19	0.005	0.5	0.01	1.36	0.005	0.036	999.999
77	9	29	7	0.01	2.19	0.005	0.5	0.01	1.37	0.005	0.036	999.999
77	9	29	8	0.01	2.18	0.005	0.5	0.01	1.36	0.005	0.038	999.999
77	9	29	9	0.01	2.15	0.005	0.5	0.01	1.36	0.005	0.041	999.999
77	9	29	10	0.01	2.15	0.005	0.5	0.01	1.35	0.005	0.042	999.999
77	9	29	11	0.01	2.14	0.005	0.5	0.01	1.35	0.005	0.044	999.999
77	9	29	12	0.01	2.15	0.005	0.5	0.01	1.35	0.005	0.044	999.999
77	9	29	13	0.01	2.15	0.005	0.5	0.01	1.35	0.005	0.045	999.999
77	9	29	14	0.01	2.16	0.005	0.5	0.01	1.36	0.005	0.045	999.999
77	9	29	15	0.01	2.16	0.005	0.5	0.01	1.36	0.005	0.047	999.999
77	9	29	16	0.01	2.15	0.005	0.5	0.01	1.35	0.005	0.047	999.999
77	9	29	17	0.01	2.16	0.005	0.5	0.01	1.36	0.005	0.047	999.999
77	9	29	18	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.047	999.999
77	9	29	19	0.01	2.19	0.005	0.5	0.01	1.37	0.005	0.048	999.999
77	9	29	20	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.049	999.999
77	9	29	21	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.051	999.999
77	9	29	22	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.049	999.999
77	9	29	23	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.047	999.999
77	9	29	24	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.047	999.999
77	9	30	1	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.044	999.999
77	9	30	2	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.045	999.999
77	9	30	3	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.044	999.999
77	9	30	4	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.045	999.999
77	9	30	5	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.047	999.999
77	9	30	6	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.048	999.999
77	9	30	7	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.049	999.999
77	9	30	8	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.042	999.999
77	9	30	9	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.044	999.999
77	9	30	10	0.01	999.99	0.005	999.9	0.01	999.99	0.005	0.048	999.999
77	9	30	11	0.01	2.19	0.005	999.9	0.01	1.38	0.005	0.053	999.999
77	9	30	12	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.060	999.999
77	9	30	13	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.059	999.999
77	9	30	14	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.060	999.999
77	9	30	15	0.01	2.22	0.005	0.5	0.01	1.39	0.005	0.064	999.999
77	9	30	16	0.01	2.23	0.005	0.5	0.01	1.39	0.005	0.056	999.999
77	9	30	17	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.059	999.999
77	9	30	18	0.01	2.26	0.005	0.5	0.01	1.41	0.005	0.049	999.999
77	9	30	19	0.01	2.25	0.005	0.5	0.01	1.42	0.005	0.045	999.999
77	9	30	20	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.045	999.999
77	9	30	21	0.01	2.28	0.005	0.5	0.01	1.43	0.005	0.045	999.999
77	9	30	22	0.01	2.29	0.005	0.5	0.01	1.43	0.005	0.044	999.999
77	9	30	23	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.047	999.999
77	9	30	24	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.047	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	10	1	1	0.01	2.34	0.005	0.5	0.01	1.45	0.005	0.047	999.999
77	10	1	2	0.01	2.33	0.005	0.5	0.01	1.46	0.005	0.048	999.999
77	10	1	3	0.01	2.34	0.005	0.5	0.01	1.47	0.005	0.049	999.999
77	10	1	4	0.01	2.35	0.005	0.5	0.01	1.47	0.005	0.049	999.999
77	10	1	5	0.01	2.38	0.005	0.5	0.01	1.49	0.005	0.049	999.999
77	10	1	6	0.01	2.39	0.005	0.5	0.01	1.49	0.005	0.048	999.999
77	10	1	7	0.01	2.41	0.005	0.5	0.01	1.50	0.005	0.047	999.999
77	10	1	8	0.01	2.38	0.005	0.5	0.01	1.47	0.005	0.052	999.999
77	10	1	9	0.01	2.31	0.005	0.5	0.01	1.44	0.005	0.053	999.999
77	10	1	10	0.01	2.28	0.005	0.5	0.01	1.43	0.005	0.055	999.999
77	10	1	11	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.058	999.999
77	10	1	12	0.01	2.26	0.005	0.5	0.01	1.42	0.005	0.058	999.999
77	10	1	13	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.058	999.999
77	10	1	14	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.060	999.999
77	10	1	15	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.059	999.999
77	10	1	16	0.01	2.26	0.005	0.5	0.01	1.42	0.005	0.059	999.999
77	10	1	17	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.058	999.999
77	10	1	18	0.01	2.29	0.005	0.5	0.01	1.43	0.005	0.055	999.999
77	10	1	19	0.01	2.29	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	1	20	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.056	999.999
77	10	1	21	0.01	2.32	0.005	0.5	0.01	1.46	0.005	0.058	999.999
77	10	1	22	0.01	2.32	0.005	0.5	0.01	1.46	0.005	0.058	999.999
77	10	1	23	0.01	2.33	0.005	0.5	0.01	1.46	0.005	0.059	999.999
77	10	1	24	0.01	2.34	0.005	0.5	0.01	1.46	0.005	0.059	999.999
77	10	2	1	0.01	2.34	0.005	0.5	0.01	1.46	0.005	0.058	999.999
77	10	2	2	0.01	2.34	0.005	0.5	0.01	1.47	0.005	0.058	999.999
77	10	2	3	0.01	2.35	0.005	0.5	0.01	1.47	0.005	0.055	999.999
77	10	2	4	0.01	2.36	0.005	0.5	0.01	1.48	0.005	0.056	999.999
77	10	2	5	0.01	2.35	0.005	0.5	0.01	1.47	0.005	0.055	999.999
77	10	2	6	0.01	2.35	0.005	0.5	0.01	1.47	0.005	0.055	999.999
77	10	2	7	0.01	2.35	0.005	0.5	0.01	1.46	0.005	0.053	999.999
77	10	2	8	0.01	2.34	0.005	0.5	0.01	1.45	0.005	0.049	999.999
77	10	2	9	0.01	2.33	0.005	0.5	0.01	1.44	0.005	0.055	999.999
77	10	2	10	0.01	2.29	0.005	0.5	0.01	1.43	0.005	0.053	999.999
77	10	2	11	0.01	2.27	0.005	0.5	0.01	1.43	0.005	0.056	999.999
77	10	2	12	0.01	2.26	0.005	0.5	0.01	1.42	0.005	0.067	999.999
77	10	2	13	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.067	999.999
77	10	2	14	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.066	999.999
77	10	2	15	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.067	999.999
77	10	2	16	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.068	999.999
77	10	2	17	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.067	999.999
77	10	2	18	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.066	999.999
77	10	2	19	0.01	2.29	0.005	0.5	0.01	1.43	0.005	0.063	999.999
77	10	2	20	0.01	2.29	0.005	0.5	0.01	1.44	0.005	0.063	999.999
77	10	2	21	0.01	2.29	0.005	0.5	0.01	1.44	0.005	0.060	999.999
77	10	2	22	0.01	2.29	0.005	0.5	0.01	1.43	0.005	0.059	999.999
77	10	2	23	0.01	2.29	0.005	0.5	0.01	1.43	0.005	0.062	999.999
77	10	2	24	0.01	2.29	0.005	0.5	0.01	1.44	0.005	0.064	999.999

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	10	3	1	0.01	2.29	0.005	0.5	0.01	1.44	0.005	0.066	999.999
77	10	3	2	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.063	999.999
77	10	3	3	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.062	999.999
77	10	3	4	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.062	999.999
77	10	3	5	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.062	999.999
77	10	3	6	0.01	2.32	0.005	0.5	0.01	1.45	0.005	0.059	999.999
77	10	3	7	0.01	2.33	0.005	0.5	0.01	1.45	0.005	0.059	999.999
77	10	3	8	0.01	2.34	0.005	0.5	0.01	1.46	0.005	0.058	999.999
77	10	3	9	0.01	999.99	0.005	0.5	0.01	1.42	0.005	0.056	999.999
77	10	3	10	0.01	2.29	0.005	0.5	0.01	1.43	0.005	0.058	999.999
77	10	3	11	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.059	999.999
77	10	3	12	0.01	2.26	0.005	0.5	0.01	1.41	0.005	0.059	999.999
77	10	3	13	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.058	999.999
77	10	3	14	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.058	999.999
77	10	3	15	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.059	999.999
77	10	3	16	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.059	999.999
77	10	3	17	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.060	999.999
77	10	3	18	0.01	2.26	0.005	0.5	0.01	1.42	0.005	0.056	999.999
77	10	3	19	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.055	999.999
77	10	3	20	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.052	999.999
77	10	3	21	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.052	999.999
77	10	3	22	0.01	2.28	0.005	0.5	0.01	1.43	0.005	0.052	999.999
77	10	3	23	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.053	999.999
77	10	3	24	0.01	2.28	0.005	0.5	0.01	1.43	0.005	0.060	999.999
77	10	4	1	0.01	2.28	0.005	0.5	0.01	1.43	0.005	0.062	999.999
77	10	4	2	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	4	3	0.01	2.31	0.005	0.5	0.01	1.44	0.005	0.063	999.999
77	10	4	4	0.01	2.31	0.005	0.5	0.01	1.44	0.005	0.067	999.999
77	10	4	5	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.068	999.999
77	10	4	6	0.01	2.31	0.005	0.5	0.01	1.44	0.005	0.064	999.999
77	10	4	7	0.01	2.27	0.005	0.5	0.01	1.43	0.005	0.051	999.999
77	10	4	8	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.053	999.999
77	10	4	9	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.058	999.999
77	10	4	10	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.064	999.999
77	10	4	11	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.067	999.999
77	10	4	12	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.064	999.999
77	10	4	13	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.062	999.999
77	10	4	14	0.01	2.22	0.005	0.5	0.01	1.39	0.005	0.060	999.999
77	10	4	15	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.055	999.999
77	10	4	16	0.01	2.20	0.005	0.5	0.01	1.39	0.005	0.055	999.999
77	10	4	17	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.059	999.999
77	10	4	18	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.058	999.999
77	10	4	19	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.055	999.999
77	10	4	20	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.053	999.999
77	10	4	21	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.056	999.999
77	10	4	22	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.056	999.999
77	10	4	23	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.058	999.999
77	10	4	24	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.055	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	10	5	1	0.01	2.23	0.005	0.5	0.01	1.40	0.005	0.048	999.999
77	10	5	2	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.042	999.999
77	10	5	3	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.041	999.999
77	10	5	4	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.041	999.999
77	10	5	5	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.038	999.999
77	10	5	6	0.01	2.21	0.005	0.5	0.01	1.39	0.005	0.037	999.999
77	10	5	7	0.01	2.25	0.005	0.5	0.01	1.40	0.005	0.033	999.999
77	10	5	8	0.01	2.25	0.005	0.5	0.01	1.39	0.005	0.034	999.999
77	10	5	9	0.01	2.24	0.005	0.5	0.01	1.39	0.005	0.038	999.999
77	10	5	10	0.01	2.18	0.005	0.5	0.01	1.38	0.005	0.037	999.999
77	10	5	11	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.044	999.999
77	10	5	12	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.042	999.999
77	10	5	13	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.044	999.999
77	10	5	14	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	5	15	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	5	16	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	5	17	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	5	18	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	5	19	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	5	20	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	5	21	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	5	22	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	5	23	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	5	24	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	1	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	2	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	3	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	4	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	5	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	6	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	7	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	8	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	9	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	10	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	11	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	12	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	13	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	14	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	15	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	16	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	17	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	18	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	19	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	20	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	21	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	22	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	23	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	6	24	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	10	7	1	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	7	2	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	7	3	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	7	4	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	7	5	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	7	6	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	7	7	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	7	8	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	7	9	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	7	10	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	7	11	999.99	999.99	999.999	999.9	999.99	999.99	999.999	0.060	999.999
77	10	7	12	999.99	999.99	0.005	0.5	999.99	999.99	0.005	0.062	999.999
77	10	7	13	999.99	999.99	0.005	0.5	999.99	999.99	0.005	0.062	999.999
77	10	7	14	999.99	999.99	0.005	0.5	999.99	999.99	0.005	0.062	999.999
77	10	7	15	999.99	2.10	0.005	0.5	999.99	1.32	0.005	0.062	999.999
77	10	7	16	999.99	2.10	0.005	0.5	999.99	1.34	0.005	0.064	999.999
77	10	7	17	999.99	2.10	0.005	0.5	999.99	1.34	0.005	0.066	999.999
77	10	7	18	0.01	2.10	0.005	0.5	0.01	1.36	0.005	0.064	999.999
77	10	7	19	0.01	2.10	0.005	0.5	0.01	1.36	0.005	0.060	999.999
77	10	7	20	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.060	999.999
77	10	7	21	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.054	999.999
77	10	7	22	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.054	999.999
77	10	7	23	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.056	999.999
77	10	7	24	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.052	999.999
77	10	8	1	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.052	999.999
77	10	8	2	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.052	999.999
77	10	8	3	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.052	999.999
77	10	8	4	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.052	999.999
77	10	8	5	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.052	999.999
77	10	8	6	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.052	999.999
77	10	8	7	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	10	8	8	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	10	8	9	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.050	999.999
77	10	8	10	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.050	999.999
77	10	8	11	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.054	999.999
77	10	8	12	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.054	999.999
77	10	8	13	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.058	999.999
77	10	8	14	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.062	999.999
77	10	8	15	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.060	999.999
77	10	8	16	0.01	2.10	0.005	0.5	0.01	1.38	0.005	0.058	999.999
77	10	8	17	0.01	2.10	0.005	0.5	0.01	1.38	0.005	0.056	999.999
77	10	8	18	0.01	2.10	0.005	0.5	0.01	1.38	0.005	0.054	999.999
77	10	8	19	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.052	999.999
77	10	8	20	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.050	999.999
77	10	8	21	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.052	999.999
77	10	8	22	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	10	8	23	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	10	8	24	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.054	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	10	9	1	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	10	9	2	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	9	3	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	10	9	4	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	10	9	5	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.052	999.999
77	10	9	6	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.052	999.999
77	10	9	7	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	9	8	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	9	9	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.058	999.999
77	10	9	10	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.056	999.999
77	10	9	11	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.058	999.999
77	10	9	12	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.058	999.999
77	10	9	13	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.058	999.999
77	10	9	14	0.01	2.20	0.005	0.5	0.01	1.36	0.005	0.056	999.999
77	10	9	15	0.01	2.10	0.005	0.5	0.01	1.36	0.005	0.060	999.999
77	10	9	16	0.01	2.10	0.005	0.5	0.01	1.38	0.005	0.056	999.999
77	10	9	17	0.01	2.10	0.005	0.5	0.01	1.38	0.005	0.058	999.999
77	10	9	18	0.01	2.10	0.005	0.5	0.01	1.38	0.005	0.056	999.999
77	10	9	19	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.054	999.999
77	10	9	20	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.056	999.999
77	10	9	21	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	9	22	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.058	999.999
77	10	9	23	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	9	24	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	10	1	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	10	2	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	10	3	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	10	4	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	10	10	5	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.050	999.999
77	10	10	6	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.050	999.999
77	10	10	7	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.052	999.999
77	10	10	8	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.056	999.999
77	10	10	9	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	10	10	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	10	11	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	10	12	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	10	10	13	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.052	999.999
77	10	10	14	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.056	999.999
77	10	10	15	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	10	16	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	10	17	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	10	18	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.054	999.999
77	10	10	19	0.01	2.20	0.005	0.5	0.01	1.46	0.005	0.052	999.999
77	10	10	20	0.01	2.30	0.005	0.5	0.01	1.48	0.005	0.048	999.999
77	10	10	21	0.01	2.30	0.005	0.5	0.01	1.48	0.005	0.048	999.999
77	10	10	22	0.01	2.30	0.005	0.5	0.01	1.48	0.005	0.048	999.999
77	10	10	23	0.01	2.30	0.005	0.5	0.01	1.48	0.005	0.050	999.999
77	10	10	24	0.01	2.40	0.005	0.5	0.01	1.48	0.005	0.052	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	10	11	1	0.01	2.30	0.005	0.5	0.01	1.50	0.005	0.054	999.999
77	10	11	2	0.01	2.40	0.005	0.5	0.01	1.50	0.005	0.056	999.999
77	10	11	3	0.01	2.40	0.005	0.5	0.01	1.50	0.005	0.056	999.999
77	10	11	4	0.01	2.40	0.005	0.5	0.01	1.50	0.005	0.056	999.999
77	10	11	5	0.01	2.30	0.005	0.5	0.01	1.50	0.005	0.056	999.999
77	10	11	6	0.01	2.30	0.005	0.5	0.01	1.50	0.005	0.058	999.999
77	10	11	7	0.01	2.30	0.005	0.5	0.01	1.48	0.005	0.058	999.999
77	10	11	8	0.01	2.30	0.005	0.5	0.01	1.48	0.005	0.052	999.999
77	10	11	9	0.01	2.40	0.005	0.5	0.01	1.46	0.005	0.050	999.999
77	10	11	10	0.01	999.99	0.005	999.9	0.01	999.99	0.005	0.052	999.999
77	10	11	11	0.01	2.30	0.005	999.9	0.01	1.44	0.005	999.999	999.999
77	10	11	12	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.062	999.999
77	10	11	13	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.064	999.999
77	10	11	14	0.01	2.30	0.005	0.5	0.01	1.42	0.005	0.064	999.999
77	10	11	15	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.064	999.999
77	10	11	16	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	11	17	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.060	999.999
77	10	11	18	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	11	19	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.056	999.999
77	10	11	20	0.01	2.30	0.005	0.5	0.01	1.48	0.005	0.056	999.999
77	10	11	21	0.01	2.30	0.005	0.5	0.01	1.48	0.005	0.056	999.999
77	10	11	22	0.01	2.30	0.005	0.5	0.01	1.50	0.005	0.058	999.999
77	10	11	23	0.01	2.30	0.005	0.5	0.01	1.50	0.005	0.060	999.999
77	10	11	24	0.01	2.30	0.005	0.5	0.01	1.50	0.005	0.060	999.999
77	10	12	1	0.01	2.30	0.005	0.5	0.01	1.48	0.005	0.060	999.999
77	10	12	2	0.01	2.30	0.005	0.5	0.01	1.50	0.005	0.060	999.999
77	10	12	3	0.01	2.30	0.005	0.5	0.01	1.50	0.005	0.062	999.999
77	10	12	4	0.01	2.30	0.005	0.5	0.01	1.50	0.005	0.058	999.999
77	10	12	5	0.01	2.30	0.005	0.5	0.01	1.50	0.005	0.058	999.999
77	10	12	6	0.01	2.30	0.005	0.5	0.01	1.50	0.005	0.060	999.999
77	10	12	7	0.01	2.30	0.005	0.5	0.01	1.50	0.005	0.062	999.999
77	10	12	8	0.01	2.30	0.005	0.5	0.01	1.50	0.005	0.058	999.999
77	10	12	9	0.01	2.30	0.005	0.5	0.01	1.48	0.005	0.054	999.999
77	10	12	10	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.056	999.999
77	10	12	11	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	10	12	12	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	12	13	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	12	14	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.058	999.999
77	10	12	15	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.062	999.999
77	10	12	16	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.064	999.999
77	10	12	17	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.064	999.999
77	10	12	18	0.01	2.40	0.005	0.5	0.01	1.48	0.005	0.060	999.999
77	10	12	19	0.01	2.40	0.005	0.5	0.01	1.50	0.005	0.056	999.999
77	10	12	20	0.01	2.40	0.005	0.5	0.01	1.50	0.005	0.056	999.999
77	10	12	21	0.01	2.30	0.005	0.5	0.01	1.48	0.005	0.058	999.999
77	10	12	22	0.01	2.30	0.005	0.5	0.01	1.48	0.005	0.060	999.999
77	10	12	23	0.01	2.40	0.005	0.5	0.01	1.50	0.005	0.060	999.999
77	10	12	24	0.01	2.40	0.005	0.5	0.01	1.50	0.005	0.064	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 5 (PPM)
77	10	13	1	0.01	2.30	0.005	0.5	0.01	1.48	0.005	0.062	999.999
77	10	13	2	0.01	2.30	0.005	0.5	0.01	1.48	0.005	0.064	999.999
77	10	13	3	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.064	999.999
77	10	13	4	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.062	999.999
77	10	13	5	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.062	999.999
77	10	13	6	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.060	999.999
77	10	13	7	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.060	999.999
77	10	13	8	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.058	999.999
77	10	13	9	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.052	999.999
77	10	13	10	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.056	999.999
77	10	13	11	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.056	999.999
77	10	13	12	999.99	2.20	0.005	0.5	999.99	1.40	0.005	0.056	999.999
77	10	13	13	999.99	2.10	0.005	0.5	999.99	1.38	0.005	0.058	999.999
77	10	13	14	0.01	2.10	0.005	0.5	0.01	1.38	0.005	0.058	999.999
77	10	13	15	0.01	2.10	0.005	0.5	0.01	1.38	0.005	0.060	999.999
77	10	13	16	0.01	2.10	0.005	0.5	0.01	1.36	0.005	0.060	999.999
77	10	13	17	0.01	2.20	0.005	0.5	0.01	1.38	0.005	0.060	999.999
77	10	13	18	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.056	999.999
77	10	13	19	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.058	999.999
77	10	13	20	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	13	21	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	13	22	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	13	23	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	10	13	24	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.058	999.999
77	10	14	1	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.060	999.999
77	10	14	2	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.060	999.999
77	10	14	3	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.060	999.999
77	10	14	4	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.062	999.999
77	10	14	5	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.060	999.999
77	10	14	6	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.060	999.999
77	10	14	7	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.058	999.999
77	10	14	8	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.056	999.999
77	10	14	9	0.01	2.30	0.005	0.5	0.01	1.42	0.005	0.054	999.999
77	10	14	10	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.050	999.999
77	10	14	11	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.056	999.999
77	10	14	12	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.058	999.999
77	10	14	13	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.058	999.999
77	10	14	14	0.01	2.10	0.005	0.5	0.01	1.38	0.005	0.060	999.999
77	10	14	15	0.01	2.10	0.005	0.5	0.01	1.38	0.005	0.060	999.999
77	10	14	16	0.01	2.10	0.005	0.5	0.01	1.38	0.005	0.060	999.999
77	10	14	17	0.01	2.10	0.005	0.5	0.01	1.38	0.005	0.058	999.999
77	10	14	18	0.01	2.10	0.005	0.5	0.01	1.40	0.005	0.052	999.999
77	10	14	19	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.054	999.999
77	10	14	20	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	10	14	21	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.054	999.999
77	10	14	22	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.050	999.999
77	10	14	23	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.052	999.999
77	10	14	24	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.054	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	10	15	1	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.050	999.999
77	10	15	2	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.050	999.999
77	10	15	3	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.048	999.999
77	10	15	4	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.046	999.999
77	10	15	5	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.044	999.999
77	10	15	6	0.01	2.30	0.005	0.5	0.01	1.48	0.005	0.042	999.999
77	10	15	7	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.044	999.999
77	10	15	8	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.044	999.999
77	10	15	9	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.044	999.999
77	10	15	10	0.01	2.30	0.005	0.5	0.01	1.42	0.005	0.042	999.999
77	10	15	11	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.050	999.999
77	10	15	12	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.054	999.999
77	10	15	13	0.01	2.10	0.005	0.5	0.01	1.38	0.005	0.056	999.999
77	10	15	14	0.01	2.10	0.005	0.5	0.01	1.38	0.005	0.056	999.999
77	10	15	15	0.01	2.10	0.005	0.5	0.01	1.38	0.005	0.056	999.999
77	10	15	16	0.01	2.10	0.005	0.5	0.01	1.38	0.005	0.058	999.999
77	10	15	17	0.01	2.30	0.005	0.5	0.01	1.40	0.005	0.062	999.999
77	10	15	18	0.01	2.40	0.005	0.5	0.01	1.46	0.005	0.060	999.999
77	10	15	19	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	15	20	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	15	21	0.01	2.30	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	15	22	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	15	23	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	15	24	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	16	1	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	16	2	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	16	3	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	16	4	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.060	999.999
77	10	16	5	0.01	2.20	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	16	6	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.058	999.999
77	10	16	7	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.058	999.999
77	10	16	8	0.01	2.21	0.005	0.5	0.01	1.42	0.005	0.056	999.999
77	10	16	9	0.01	2.21	0.005	0.5	0.01	1.40	0.005	0.052	999.999
77	10	16	10	0.01	2.21	0.005	0.5	0.01	1.40	0.005	0.062	999.999
77	10	16	11	0.01	2.11	0.005	999.9	0.01	1.39	0.005	0.064	999.999
77	10	16	12	0.01	2.21	0.005	999.9	0.01	1.39	0.005	0.054	999.999
77	10	16	13	0.01	2.11	0.005	999.9	0.01	1.39	0.005	0.064	999.999
77	10	16	14	0.01	2.11	0.005	0.5	0.01	1.39	0.005	0.062	999.999
77	10	16	15	0.01	2.11	0.005	0.5	0.01	1.39	0.005	0.062	999.999
77	10	16	16	0.01	2.11	0.005	0.5	0.01	1.39	0.005	0.062	999.999
77	10	16	17	0.01	2.11	0.005	0.5	0.01	1.39	0.005	0.060	999.999
77	10	16	18	0.01	2.11	0.005	0.5	0.01	1.39	0.005	0.056	999.999
77	10	16	19	0.01	2.21	0.005	0.5	0.01	1.41	0.005	0.056	999.999
77	10	16	20	0.01	2.21	0.005	0.5	0.01	1.43	0.005	0.056	999.999
77	10	16	21	0.01	2.21	0.005	0.5	0.01	1.43	0.005	0.058	999.999
77	10	16	22	0.01	2.21	0.005	0.5	0.01	1.43	0.005	0.058	999.999
77	10	16	23	0.01	2.22	0.005	0.5	0.01	1.41	0.005	0.056	999.999
77	10	16	24	0.01	2.22	0.005	0.5	0.01	1.41	0.005	0.056	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	10	17	1	0.01	2.22	0.005	0.5	0.01	1.43	0.005	0.054	999.999
77	10	17	2	0.01	2.22	0.005	0.5	0.01	1.43	0.005	0.054	999.999
77	10	17	3	0.01	2.22	0.005	0.5	0.01	1.43	0.005	0.056	999.999
77	10	17	4	0.01	2.22	0.005	0.5	0.01	1.43	0.005	0.054	999.999
77	10	17	5	0.01	2.22	0.005	0.5	0.01	1.43	0.005	0.054	999.999
77	10	17	6	0.01	2.22	0.005	0.5	0.01	1.45	0.005	0.056	999.999
77	10	17	7	0.01	2.22	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	17	8	0.01	2.22	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	10	17	9	0.01	2.22	0.005	0.5	0.01	1.42	0.005	0.048	999.999
77	10	17	10	0.01	2.12	0.005	0.5	0.01	1.40	0.005	0.048	999.999
77	10	17	11	0.01	2.12	0.005	0.5	0.01	1.38	0.005	0.050	999.999
77	10	17	12	0.01	2.12	0.005	0.5	0.01	1.38	0.005	0.054	999.999
77	10	17	13	0.01	2.12	0.005	0.5	0.01	1.36	0.005	0.054	999.999
77	10	17	14	0.01	2.13	0.005	0.5	0.01	1.36	0.005	0.056	999.999
77	10	17	15	0.01	2.13	0.005	0.5	0.01	1.36	0.005	0.056	999.999
77	10	17	16	0.01	2.13	0.005	0.5	0.01	1.36	0.005	0.056	999.999
77	10	17	17	0.01	2.13	0.005	0.5	0.01	1.38	0.005	0.056	999.999
77	10	17	18	0.01	2.13	0.005	0.5	0.01	1.38	0.005	0.052	999.999
77	10	17	19	0.01	2.23	0.005	0.5	0.01	1.42	0.005	0.052	999.999
77	10	17	20	0.01	2.23	0.005	0.5	0.01	1.42	0.005	0.054	999.999
77	10	17	21	0.01	2.23	0.005	0.5	0.01	1.42	0.005	0.054	999.999
77	10	17	22	0.01	2.23	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	10	17	23	0.01	2.23	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	17	24	0.01	2.23	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	18	1	0.01	2.23	0.005	0.5	0.01	1.42	0.005	0.054	999.999
77	10	18	2	0.01	2.23	0.005	0.5	0.01	1.42	0.005	0.052	999.999
77	10	18	3	0.01	2.23	0.005	0.5	0.01	1.45	0.005	0.052	999.999
77	10	18	4	0.01	2.23	0.005	0.5	0.01	1.43	0.005	0.056	999.999
77	10	18	5	0.01	2.24	0.005	0.5	0.01	1.43	0.005	0.056	999.999
77	10	18	6	0.01	2.24	0.005	0.5	0.01	1.45	0.005	0.056	999.999
77	10	18	7	0.01	2.24	0.005	0.5	0.01	1.45	0.005	0.054	999.999
77	10	18	8	0.01	2.24	0.005	0.5	0.01	1.43	0.005	0.052	999.999
77	10	18	9	0.01	2.14	0.005	0.5	0.01	1.43	0.005	0.050	999.999
77	10	18	10	0.01	2.14	0.005	0.5	0.01	1.39	0.005	0.050	999.999
77	10	18	11	0.01	999.99	0.005	0.5	0.01	1.41	0.005	0.050	999.999
77	10	18	12	0.01	2.14	0.005	0.5	0.01	1.39	0.005	0.062	999.999
77	10	18	13	0.01	2.14	0.005	0.5	0.01	1.39	0.005	0.062	999.999
77	10	18	14	0.01	2.14	0.005	0.5	0.01	1.39	0.005	0.062	999.999
77	10	18	15	0.01	2.14	0.005	0.5	0.01	1.39	0.005	0.062	999.999
77	10	18	16	0.01	2.14	0.005	0.5	0.01	1.39	0.005	0.062	999.999
77	10	18	17	0.01	2.14	0.005	0.5	0.01	1.41	0.005	0.062	999.999
77	10	18	18	0.01	2.14	0.005	0.5	0.01	1.41	0.005	0.056	999.999
77	10	18	19	0.01	2.14	0.005	0.5	0.01	1.43	0.005	0.058	999.999
77	10	18	20	0.01	2.25	0.005	0.5	0.01	1.45	0.005	0.058	999.999
77	10	18	21	0.01	2.25	0.005	0.5	0.01	1.45	0.005	0.060	999.999
77	10	18	22	0.01	2.25	0.005	0.5	0.01	1.45	0.005	0.060	999.999
77	10	18	23	0.01	2.25	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	18	24	0.01	2.15	0.005	0.5	0.01	1.44	0.005	0.058	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	10	19	1	0.01	2.15	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	19	2	0.01	2.15	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	19	3	0.01	2.25	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	19	4	0.01	2.25	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	19	5	0.01	2.15	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	19	6	0.01	2.25	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	19	7	0.01	2.15	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	19	8	0.01	2.15	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	10	19	9	0.01	2.15	0.005	0.5	0.01	1.42	0.005	0.060	999.999
77	10	19	10	0.01	2.15	0.005	0.5	0.01	1.40	0.005	0.064	999.999
77	10	19	11	0.01	2.16	0.005	0.5	0.01	1.40	0.005	0.066	999.999
77	10	19	12	0.01	2.16	0.005	0.5	0.01	1.40	0.005	0.066	999.999
77	10	19	13	0.01	2.16	0.005	0.5	0.01	1.38	0.005	0.066	999.999
77	10	19	14	0.01	2.16	0.005	0.5	0.01	1.40	0.005	0.064	999.999
77	10	19	15	0.01	2.16	0.005	0.5	0.01	1.40	0.005	0.064	999.999
77	10	19	16	0.01	2.16	0.005	0.5	0.01	1.40	0.005	0.064	999.999
77	10	19	17	0.01	2.16	0.005	0.5	0.01	1.40	0.005	0.064	999.999
77	10	19	18	0.01	2.16	0.005	0.5	0.01	1.40	0.005	0.062	999.999
77	10	19	19	0.01	2.16	0.005	0.5	0.01	1.41	0.005	0.062	999.999
77	10	19	20	0.01	2.16	0.005	0.5	0.01	1.41	0.005	0.058	999.999
77	10	19	21	0.01	2.16	0.005	0.5	0.01	1.41	0.005	0.058	999.999
77	10	19	22	0.01	2.16	0.005	0.5	0.01	1.41	0.005	0.058	999.999
77	10	19	23	0.01	2.16	0.005	0.5	0.01	1.41	0.005	0.058	999.999
77	10	19	24	0.01	2.16	0.005	0.5	0.01	1.41	0.005	0.058	999.999
77	10	20	1	0.01	2.16	0.005	0.5	0.01	1.41	0.005	0.058	999.999
77	10	20	2	0.01	2.17	0.005	0.5	0.01	1.41	0.005	0.058	999.999
77	10	20	3	0.01	2.17	0.005	0.5	0.01	1.41	0.005	0.056	999.999
77	10	20	4	0.01	2.17	0.005	0.5	0.01	1.41	0.005	0.058	999.999
77	10	20	5	0.01	2.17	0.005	0.5	0.01	1.41	0.005	0.056	999.999
77	10	20	6	0.01	2.17	0.005	0.5	0.01	1.41	0.005	0.056	999.999
77	10	20	7	0.01	2.17	0.005	0.5	0.01	1.43	0.005	0.056	999.999
77	10	20	8	0.01	2.17	0.005	0.5	0.01	1.43	0.005	0.056	999.999
77	10	20	9	0.01	2.17	0.005	0.5	0.01	1.41	0.005	0.058	999.999
77	10	20	10	0.01	2.17	0.005	0.5	0.01	1.41	0.005	0.056	999.999
77	10	20	11	0.01	2.07	0.005	0.5	0.01	1.39	0.005	0.058	999.999
77	10	20	12	0.01	2.07	0.005	0.5	0.01	1.37	0.005	0.058	999.999
77	10	20	13	0.01	2.07	0.005	0.5	0.01	1.37	0.005	0.056	999.999
77	10	20	14	0.01	2.07	0.005	0.5	0.01	1.35	0.005	0.058	999.999
77	10	20	15	0.01	2.07	0.005	0.5	0.01	1.36	0.005	0.058	999.999
77	10	20	16	0.01	2.08	0.005	0.5	0.01	1.38	0.005	0.056	999.999
77	10	20	17	0.01	2.18	0.005	0.5	0.01	1.40	0.005	0.050	999.999
77	10	20	18	0.01	2.08	0.005	0.5	0.01	1.40	0.005	0.052	999.999
77	10	20	19	0.01	2.18	0.005	0.5	0.01	1.40	0.005	0.050	999.999
77	10	20	20	0.01	2.18	0.005	0.5	0.01	1.42	0.005	0.048	999.999
77	10	20	21	0.01	2.18	0.005	0.5	0.01	1.42	0.005	0.048	999.999
77	10	20	22	0.01	2.18	0.005	0.5	0.01	1.40	0.005	0.046	999.999
77	10	20	23	0.01	2.18	0.005	0.5	0.01	1.42	0.005	0.038	999.999
77	10	20	24	0.01	2.18	0.005	0.5	0.01	1.42	0.005	0.036	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	10	21	1	0.01	2.18	0.005	0.5	0.01	1.42	0.005	0.038	999.999
77	10	21	2	0.01	2.18	0.005	0.5	0.01	1.40	0.005	0.036	999.999
77	10	21	3	0.01	2.18	0.005	0.5	0.01	1.40	0.005	0.038	999.999
77	10	21	4	0.01	2.18	0.005	0.5	0.01	1.40	0.005	0.040	999.999
77	10	21	5	0.01	2.08	0.005	0.5	0.01	1.40	0.005	0.040	999.999
77	10	21	6	0.01	2.18	0.005	0.5	0.01	1.40	0.005	0.042	999.999
77	10	21	7	0.01	2.09	0.005	0.5	0.01	1.40	0.005	0.048	999.999
77	10	21	8	0.01	2.09	0.005	0.5	0.01	1.40	0.005	0.046	999.999
77	10	21	9	0.01	2.09	0.005	0.5	0.01	1.40	0.005	0.048	999.999
77	10	21	10	0.01	2.09	0.005	0.5	0.01	1.38	0.005	0.052	999.999
77	10	21	11	0.01	2.09	0.005	0.5	0.01	1.39	0.005	0.052	999.999
77	10	21	12	0.01	2.09	0.005	0.5	0.01	1.37	0.005	0.048	999.999
77	10	21	13	0.01	2.09	0.005	0.5	0.01	1.37	0.005	0.046	999.999
77	10	21	14	0.01	2.19	0.005	0.5	0.01	1.39	0.005	0.048	999.999
77	10	21	15	0.01	2.19	0.005	0.5	0.01	1.39	0.005	0.056	999.999
77	10	21	16	0.01	2.09	0.005	0.5	0.01	1.39	0.005	0.050	999.999
77	10	21	17	0.01	2.09	0.005	0.5	0.01	1.39	0.005	0.048	999.999
77	10	21	18	0.01	2.19	0.005	0.5	0.01	1.41	0.005	0.042	999.999
77	10	21	19	0.01	2.19	0.005	0.5	0.01	1.41	0.005	0.036	999.999
77	10	21	20	0.01	2.19	0.005	0.5	0.01	1.43	0.005	0.040	999.999
77	10	21	21	0.01	2.19	0.005	0.5	0.01	1.43	0.005	0.050	999.999
77	10	21	22	0.01	2.20	0.005	0.5	0.01	1.43	0.005	0.050	999.999
77	10	21	23	0.01	2.20	0.005	0.5	0.01	1.43	0.005	0.052	999.999
77	10	21	24	0.01	2.20	0.005	0.5	0.01	1.43	0.005	0.050	999.999
77	10	22	1	0.01	2.20	0.005	0.5	0.01	1.45	0.005	0.046	999.999
77	10	22	2	0.01	2.20	0.005	0.5	0.01	1.43	0.005	0.040	999.999
77	10	22	3	0.01	2.20	0.005	0.5	0.01	1.43	0.005	0.042	999.999
77	10	22	4	0.01	2.20	0.005	0.5	0.01	1.45	0.005	0.038	999.999
77	10	22	5	0.01	2.20	0.005	0.5	0.01	1.45	0.005	0.038	999.999
77	10	22	6	0.01	2.30	0.005	0.5	0.01	1.45	0.005	0.042	999.999
77	10	22	7	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.040	999.999
77	10	22	8	0.01	2.30	0.005	0.5	0.01	1.46	0.005	0.038	999.999
77	10	22	9	0.01	2.20	0.005	0.5	0.01	1.46	0.005	0.034	999.999
77	10	22	10	0.01	2.20	0.005	0.5	0.01	1.42	0.005	0.030	999.999
77	10	22	11	0.01	2.10	0.005	0.5	0.01	1.40	0.005	0.038	999.999
77	10	22	12	0.01	2.10	0.005	0.5	0.01	1.38	0.005	0.042	999.999
77	10	22	13	0.01	2.11	0.005	0.5	0.01	1.38	0.005	0.052	999.999
77	10	22	14	0.01	2.11	0.005	0.5	0.01	1.36	0.005	0.050	999.999
77	10	22	15	0.01	2.11	0.005	0.5	0.01	1.38	0.005	0.056	999.999
77	10	22	16	0.01	2.11	0.005	0.5	0.01	1.36	0.005	0.056	999.999
77	10	22	17	0.01	2.11	0.005	0.5	0.01	1.38	0.005	0.054	999.999
77	10	22	18	0.01	2.11	0.005	0.5	0.01	1.40	0.005	0.052	999.999
77	10	22	19	0.01	2.11	0.005	0.5	0.01	1.40	0.005	0.054	999.999
77	10	22	20	0.01	2.11	0.005	0.5	0.01	1.42	0.005	0.054	999.999
77	10	22	21	0.01	2.11	0.005	0.5	0.01	1.42	0.005	0.054	999.999
77	10	22	22	0.01	2.11	0.005	0.5	0.01	1.42	0.005	0.056	999.999
77	10	22	23	0.01	2.11	0.005	0.5	0.01	1.42	0.005	0.056	999.999
77	10	22	24	0.01	2.21	0.005	0.5	0.01	1.44	0.005	0.054	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	10	23	1	0.01	2.21	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	10	23	2	0.01	2.21	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	23	3	0.01	2.21	0.005	0.5	0.01	1.45	0.005	0.056	999.999
77	10	23	4	0.01	2.22	0.005	0.5	0.01	1.45	0.005	0.054	999.999
77	10	23	5	0.01	2.22	0.005	0.5	0.01	1.45	0.005	0.052	999.999
77	10	23	6	0.01	2.22	0.005	0.5	0.01	1.45	0.005	0.054	999.999
77	10	23	7	0.01	2.22	0.005	0.5	0.01	1.45	0.005	0.054	999.999
77	10	23	8	0.01	2.22	0.005	0.5	0.01	1.45	0.005	0.048	999.999
77	10	23	9	0.01	2.22	0.005	0.5	0.01	1.43	0.005	0.052	999.999
77	10	23	10	0.01	2.12	0.005	0.5	0.01	1.41	0.005	0.046	999.999
77	10	23	11	0.01	2.12	0.005	0.5	0.01	1.41	0.005	0.050	999.999
77	10	23	12	0.01	2.12	0.005	0.5	0.01	1.39	0.005	0.052	999.999
77	10	23	13	0.01	2.12	0.005	0.5	0.01	1.39	0.005	0.058	999.999
77	10	23	14	0.01	2.12	0.005	0.5	0.01	1.39	0.005	0.064	999.999
77	10	23	15	0.01	2.12	0.005	0.5	0.01	1.41	0.005	0.062	999.999
77	10	23	16	0.01	2.12	0.005	0.5	0.01	1.41	0.005	0.060	999.999
77	10	23	17	0.01	2.12	0.005	0.5	0.01	1.41	0.005	0.058	999.999
77	10	23	18	0.01	2.12	0.005	0.5	0.01	1.41	0.005	0.054	999.999
77	10	23	19	0.01	2.13	0.005	0.5	0.01	1.41	0.005	0.058	999.999
77	10	23	20	0.01	2.13	0.005	0.5	0.01	1.43	0.005	0.058	999.999
77	10	23	21	0.01	2.13	0.005	0.5	0.01	1.43	0.005	0.058	999.999
77	10	23	22	0.01	2.13	0.005	0.5	0.01	1.43	0.005	0.060	999.999
77	10	23	23	0.01	2.13	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	23	24	0.01	2.13	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	24	1	0.01	2.13	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	24	2	0.01	2.13	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	24	3	0.01	2.13	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	24	4	0.01	2.23	0.005	0.5	0.01	1.44	0.005	0.060	999.999
77	10	24	5	0.01	2.13	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	10	24	6	0.01	2.23	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	10	24	7	0.01	2.23	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	10	24	8	0.01	2.23	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	10	24	9	0.01	2.23	0.005	0.5	0.01	1.44	0.005	0.046	999.999
77	10	24	10	0.01	2.24	0.005	0.5	0.01	1.42	0.005	0.054	999.999
77	10	24	11	0.01	2.14	0.005	0.5	0.01	1.42	0.005	0.048	999.999
77	10	24	12	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.054	999.999
77	10	24	13	0.01	2.14	0.005	999.9	0.01	1.40	0.005	999.999	999.999
77	10	24	14	0.01	2.14	0.005	0.5	0.01	1.40	0.005	0.056	999.999
77	10	24	15	0.01	2.14	0.005	0.5	0.01	1.40	0.005	0.058	999.999
77	10	24	16	0.01	2.14	0.005	0.5	0.01	1.40	0.005	0.058	999.999
77	10	24	17	0.01	2.14	0.005	0.5	0.01	1.40	0.005	0.058	999.999
77	10	24	18	0.01	2.14	0.005	0.5	0.01	1.40	0.005	0.058	999.999
77	10	24	19	0.01	2.14	0.005	0.5	0.01	1.43	0.005	0.056	999.999
77	10	24	20	0.01	2.14	0.005	0.5	0.01	1.45	0.005	0.058	999.999
77	10	24	21	0.01	2.14	0.005	0.5	0.01	1.43	0.005	0.056	999.999
77	10	24	22	0.01	2.14	0.005	0.5	0.01	1.47	0.005	0.054	999.999
77	10	24	23	0.01	2.24	0.005	0.5	0.01	1.47	0.005	0.054	999.999
77	10	24	24	0.01	2.24	0.005	0.5	0.01	1.47	0.005	0.054	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	10	25	1	0.01	2.15	0.005	0.5	0.01	1.45	0.005	0.054	999.999
77	10	25	2	0.01	2.15	0.005	0.5	0.01	1.45	0.005	0.054	999.999
77	10	25	3	0.01	2.15	0.005	0.5	0.01	1.45	0.005	0.056	999.999
77	10	25	4	0.01	2.15	0.005	0.5	0.01	1.45	0.005	0.056	999.999
77	10	25	5	0.01	2.15	0.005	0.5	0.01	1.45	0.005	0.054	999.999
77	10	25	6	0.01	2.15	0.005	0.5	0.01	1.45	0.005	0.054	999.999
77	10	25	7	0.01	2.15	0.005	0.5	0.01	1.45	0.005	0.054	999.999
77	10	25	8	0.01	2.15	0.005	0.5	0.01	1.45	0.005	0.052	999.999
77	10	25	9	0.01	2.15	0.005	0.5	0.01	1.43	0.005	0.054	999.999
77	10	25	10	0.01	2.15	0.005	0.5	0.01	1.43	0.005	0.054	999.999
77	10	25	11	0.01	2.05	0.005	0.5	0.01	1.41	0.005	0.052	999.999
77	10	25	12	0.01	2.05	0.005	0.5	0.01	1.39	0.005	0.052	999.999
77	10	25	13	0.01	2.05	0.005	0.5	0.01	1.39	0.005	0.052	999.999
77	10	25	14	0.01	2.05	0.005	0.5	0.01	1.39	0.005	0.052	999.999
77	10	25	15	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	25	16	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	10	25	17	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.052	999.999
77	10	25	18	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.050	999.999
77	10	25	19	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.050	999.999
77	10	25	20	0.01	2.26	0.005	0.5	0.01	999.99	0.005	0.046	999.999
77	10	25	21	0.01	2.26	0.005	0.5	0.01	999.99	0.005	0.050	999.999
77	10	25	22	0.01	2.26	0.005	0.5	0.01	999.99	0.005	0.052	999.999
77	10	25	23	0.01	2.26	0.005	0.5	0.01	999.99	0.005	0.054	999.999
77	10	25	24	0.01	2.26	0.005	0.5	0.01	999.99	0.005	0.054	999.999
77	10	26	1	0.01	2.16	0.005	0.5	0.01	999.99	0.005	0.052	999.999
77	10	26	2	0.01	2.16	0.005	0.5	0.01	999.99	0.005	0.052	999.999
77	10	26	3	0.01	2.16	0.005	0.5	0.01	999.99	0.005	0.054	999.999
77	10	26	4	0.01	2.16	0.005	0.5	0.01	999.99	0.005	0.054	999.999
77	10	26	5	0.01	2.16	0.005	0.5	0.01	999.99	0.005	0.054	999.999
77	10	26	6	0.01	2.16	0.005	0.5	0.01	999.99	0.005	0.056	999.999
77	10	26	7	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.054	999.999
77	10	26	8	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.052	999.999
77	10	26	9	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.052	999.999
77	10	26	10	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.056	999.999
77	10	26	11	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.056	999.999
77	10	26	12	0.01	999.99	0.005	999.9	0.01	999.99	0.005	0.058	999.999
77	10	26	13	0.01	999.99	0.005	0.5	0.01	1.37	0.005	0.056	999.999
77	10	26	14	0.01	999.99	0.005	0.5	0.01	1.35	0.005	0.056	999.999
77	10	26	15	0.01	999.99	0.005	0.5	0.01	1.33	0.005	0.058	999.999
77	10	26	16	0.01	1.87	0.005	0.5	0.01	1.29	0.005	0.058	999.999
77	10	26	17	0.01	1.87	0.005	0.5	0.01	1.29	0.005	0.056	999.999
77	10	26	18	0.01	1.97	0.005	0.5	0.01	1.31	0.005	0.054	999.999
77	10	26	19	0.01	1.97	0.005	0.5	0.01	1.33	0.005	0.054	999.999
77	10	26	20	0.01	1.97	0.005	0.5	0.01	1.33	0.005	0.054	999.999
77	10	26	21	0.01	1.97	0.005	0.5	0.01	1.33	0.005	0.056	999.999
77	10	26	22	0.01	1.98	0.005	0.5	0.01	1.33	0.005	0.056	999.999
77	10	26	23	0.01	1.98	0.005	0.5	0.01	1.35	0.005	0.058	999.999
77	10	26	24	0.01	1.98	0.005	0.5	0.01	1.35	0.005	0.058	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	10	27	1	0.01	1.98	0.005	0.5	0.01	1.35	0.005	0.056	999.999
77	10	27	2	0.01	1.98	0.005	0.5	0.01	1.35	0.005	0.056	999.999
77	10	27	3	0.01	1.98	0.005	0.5	0.01	1.35	0.005	0.056	999.999
77	10	27	4	0.01	1.98	0.005	0.5	0.01	1.35	0.005	0.056	999.999
77	10	27	5	0.01	1.98	0.005	0.5	0.01	1.35	0.005	0.056	999.999
77	10	27	6	0.01	1.98	0.005	0.5	0.01	1.35	0.005	0.056	999.999
77	10	27	7	0.01	1.98	0.005	0.5	0.01	1.34	0.005	0.054	999.999
77	10	27	8	0.01	1.98	0.005	0.5	0.01	1.34	0.005	0.056	999.999
77	10	27	9	0.01	1.98	0.005	0.5	0.01	1.34	0.005	0.058	999.999
77	10	27	10	0.01	1.98	0.005	0.5	0.01	1.34	0.005	0.060	999.999
77	10	27	11	0.01	1.98	0.005	0.5	0.01	1.34	0.005	0.064	999.999
77	10	27	12	0.01	1.98	0.005	0.5	0.01	1.32	0.005	0.064	999.999
77	10	27	13	0.01	1.99	0.005	0.5	0.01	1.32	0.005	0.068	999.999
77	10	27	14	0.01	1.99	0.005	0.5	0.01	1.32	0.005	0.066	999.999
77	10	27	15	0.01	1.99	0.005	0.5	0.01	1.30	0.005	0.062	999.999
77	10	27	16	0.01	1.89	0.005	0.5	0.01	1.30	0.005	0.056	999.999
77	10	27	17	0.01	1.99	0.005	0.5	0.01	1.32	0.005	0.058	999.999
77	10	27	18	0.01	1.99	0.005	0.5	0.01	1.32	0.005	0.058	999.999
77	10	27	19	0.01	1.99	0.005	0.5	0.01	1.34	0.005	0.056	999.999
77	10	27	20	0.01	1.99	0.005	0.5	0.01	1.34	0.005	0.056	999.999
77	10	27	21	0.01	1.99	0.005	0.5	0.01	1.34	0.005	0.056	999.999
77	10	27	22	0.01	1.99	0.005	0.5	0.01	1.34	0.005	0.054	999.999
77	10	27	23	0.01	1.99	0.005	0.5	0.01	1.34	0.005	0.056	999.999
77	10	27	24	0.01	1.99	0.005	0.5	0.01	1.34	0.005	0.056	999.999
77	10	28	1	0.01	1.99	0.005	0.5	0.01	1.34	0.005	0.056	999.999
77	10	28	2	0.01	1.99	0.005	0.5	0.01	1.34	0.005	0.056	999.999
77	10	28	3	0.01	1.99	0.005	0.5	0.01	1.37	0.005	0.056	999.999
77	10	28	4	0.01	2.00	0.005	0.5	0.01	1.35	0.005	0.056	999.999
77	10	28	5	0.01	1.90	0.005	0.5	0.01	1.35	0.005	0.056	999.999
77	10	28	6	0.01	2.00	0.005	0.5	0.01	1.35	0.005	0.056	999.999
77	10	28	7	0.01	2.00	0.005	0.5	0.01	1.35	0.005	0.054	999.999
77	10	28	8	0.01	2.00	0.005	0.5	0.01	1.35	0.005	0.054	999.999
77	10	28	9	0.01	2.00	0.005	0.5	0.01	1.33	0.005	0.054	999.999
77	10	28	10	0.01	1.90	0.005	0.5	0.01	1.33	0.005	0.056	999.999
77	10	28	11	0.01	2.00	0.005	0.5	0.01	1.33	0.005	0.056	999.999
77	10	28	12	0.01	1.90	0.005	0.5	0.01	1.31	0.005	0.056	999.999
77	10	28	13	0.01	1.90	0.005	0.5	0.01	1.31	0.005	0.058	999.999
77	10	28	14	0.01	1.90	0.005	0.5	0.01	1.31	0.005	0.058	999.999
77	10	28	15	0.01	1.90	0.005	0.5	0.01	1.31	0.005	0.058	999.999
77	10	28	16	0.01	1.90	0.005	0.5	0.01	1.31	0.005	0.060	999.999
77	10	28	17	0.01	1.90	0.005	0.5	0.01	1.31	0.005	0.060	999.999
77	10	28	18	0.01	1.91	0.005	0.5	0.01	1.31	0.005	0.058	999.999
77	10	28	19	0.01	1.91	0.005	0.5	0.01	1.33	0.005	0.058	999.999
77	10	28	20	0.01	2.01	0.005	0.5	0.01	1.35	0.005	0.058	999.999
77	10	28	21	0.01	2.01	0.005	0.5	0.01	1.35	0.005	0.058	999.999
77	10	28	22	0.01	2.01	0.005	0.5	0.01	1.35	0.005	0.056	999.999
77	10	28	23	0.01	2.01	0.005	0.5	0.01	1.36	0.005	0.058	999.999
77	10	28	24	0.01	2.01	0.005	0.5	0.01	1.34	0.005	0.056	999.999

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	10	29	1	0.01	2.01	0.005	0.5	0.01	1.34	0.005	0.056	999.999
77	10	29	2	0.01	1.91	0.005	0.5	0.01	1.34	0.005	0.056	999.999
77	10	29	3	0.01	1.91	0.005	0.5	0.01	1.34	0.005	0.056	999.999
77	10	29	4	0.01	1.91	0.005	0.5	0.01	1.32	0.005	0.054	999.999
77	10	29	5	0.01	1.91	0.005	0.5	0.01	1.34	0.005	0.054	999.999
77	10	29	6	0.01	1.91	0.005	0.5	0.01	1.32	0.005	0.052	999.999
77	10	29	7	0.01	1.91	0.005	0.5	0.01	1.32	0.005	0.052	999.999
77	10	29	8	0.01	1.91	0.005	0.5	0.01	1.32	0.005	0.050	999.999
77	10	29	9	0.01	1.92	0.005	0.5	0.01	1.32	0.005	0.048	999.999
77	10	29	10	0.01	1.92	0.005	0.5	0.01	1.30	0.005	0.054	999.999
77	10	29	11	0.01	1.92	0.005	0.5	0.01	1.30	0.005	0.054	999.999
77	10	29	12	0.01	1.92	0.005	0.5	0.01	1.30	0.005	0.056	999.999
77	10	29	13	0.01	1.92	0.005	0.5	0.01	1.30	0.005	0.056	999.999
77	10	29	14	0.01	1.92	0.005	0.5	0.01	1.30	0.005	0.056	999.999
77	10	29	15	0.01	1.92	0.005	0.5	0.01	1.30	0.005	0.058	999.999
77	10	29	16	0.01	1.92	0.005	0.5	0.01	1.32	0.005	0.054	999.999
77	10	29	17	0.01	1.92	0.005	0.5	0.01	1.32	0.005	0.048	999.999
77	10	29	18	0.01	1.92	0.005	0.5	0.01	1.32	0.005	0.048	999.999
77	10	29	19	0.01	1.92	0.005	0.5	0.01	1.33	0.005	0.048	999.999
77	10	29	20	0.01	1.92	0.005	0.5	0.01	1.33	0.005	0.056	999.999
77	10	29	21	0.01	1.92	0.005	0.5	0.01	1.33	0.005	0.058	999.999
77	10	29	22	0.01	1.92	0.005	0.5	0.01	1.31	0.005	0.058	999.999
77	10	29	23	0.01	1.92	0.005	0.5	0.01	1.31	0.005	0.050	999.999
77	10	29	24	0.01	1.93	0.005	0.5	0.01	1.31	0.005	0.040	999.999
77	10	30	1	0.01	1.93	0.005	0.5	0.01	1.31	0.005	0.036	999.999
77	10	30	2	0.01	1.93	0.005	0.5	0.01	1.31	0.005	0.038	999.999
77	10	30	3	0.01	1.93	0.005	0.5	0.01	1.31	0.005	0.046	999.999
77	10	30	4	0.01	1.93	0.005	0.5	0.01	1.33	0.005	0.050	999.999
77	10	30	5	0.01	1.93	0.005	0.5	0.01	1.33	0.005	0.048	999.999
77	10	30	6	0.01	2.03	0.005	0.5	0.01	1.35	0.005	0.044	999.999
77	10	30	7	0.01	1.93	0.005	0.5	0.01	1.35	0.005	0.046	999.999
77	10	30	8	0.01	2.03	0.005	0.5	0.01	1.37	0.005	0.044	999.999
77	10	30	9	0.01	2.03	0.005	0.5	0.01	1.35	0.005	0.046	999.999
77	10	30	10	0.01	1.93	0.005	0.5	0.01	1.33	0.005	0.058	999.999
77	10	30	11	0.01	1.93	0.005	0.5	0.01	1.33	0.005	0.056	999.999
77	10	30	12	0.01	1.93	0.005	0.5	0.01	1.33	0.005	0.058	999.999
77	10	30	13	0.01	1.93	0.005	0.5	0.01	1.31	0.005	0.058	999.999
77	10	30	14	0.01	1.93	0.005	0.5	0.01	1.31	0.005	0.056	999.999
77	10	30	15	0.01	1.94	0.005	0.5	0.01	1.32	0.005	0.058	999.999
77	10	30	16	0.01	1.94	0.005	0.5	0.01	1.34	0.005	0.058	999.999
77	10	30	17	0.01	1.94	0.005	0.5	0.01	1.36	0.005	0.058	999.999
77	10	30	18	0.01	1.94	0.005	0.5	0.01	1.36	0.005	0.056	999.999
77	10	30	19	0.01	1.94	0.005	0.5	0.01	1.36	0.005	0.056	999.999
77	10	30	20	0.01	1.94	0.005	0.5	0.01	1.36	0.005	0.056	999.999
77	10	30	21	0.01	2.04	0.005	0.5	0.01	1.38	0.005	0.052	999.999
77	10	30	22	0.01	2.04	0.005	0.5	0.01	1.38	0.005	0.052	999.999
77	10	30	23	0.01	1.94	0.005	0.5	0.01	1.38	0.005	0.054	999.999
77	10	30	24	0.01	2.04	0.005	0.5	0.01	1.38	0.005	0.052	999.999

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	10	31	1	0.01	2.04	0.005	0.5	0.01	1.38	0.005	0.052	999.999
77	10	31	2	0.01	2.04	0.005	0.5	0.01	1.38	0.005	0.048	999.999
77	10	31	3	0.01	1.94	0.005	0.5	0.01	1.36	0.005	0.048	999.999
77	10	31	4	0.01	2.04	0.005	0.5	0.01	1.38	0.005	0.046	999.999
77	10	31	5	0.01	2.04	0.005	0.5	0.01	1.36	0.005	0.046	999.999
77	10	31	6	0.01	2.05	0.005	0.5	0.01	1.36	0.005	0.042	999.999
77	10	31	7	0.01	1.95	0.005	0.5	0.01	1.36	0.005	0.042	999.999
77	10	31	8	0.01	2.05	0.005	0.5	0.01	1.36	0.005	0.042	999.999
77	10	31	9	0.01	2.05	0.005	0.5	0.01	1.38	0.005	0.040	999.999
77	10	31	10	0.01	1.95	0.005	0.5	0.01	1.36	0.005	0.044	999.999
77	10	31	11	0.01	2.05	0.005	0.5	0.01	1.37	0.005	0.048	999.999
77	10	31	12	0.01	1.95	0.005	0.5	0.01	1.35	0.005	0.052	999.999
77	10	31	13	0.01	1.95	0.005	0.5	0.01	1.37	0.005	0.050	999.999
77	10	31	14	0.01	2.05	0.005	0.5	0.01	1.39	0.005	0.050	999.999
77	10	31	15	0.01	1.95	0.005	0.5	0.01	1.37	0.005	0.054	999.999
77	10	31	16	0.01	1.95	0.005	0.5	0.01	1.37	0.005	0.054	999.999
77	10	31	17	0.01	1.95	0.005	0.5	0.01	1.35	0.005	0.052	999.999
77	10	31	18	0.01	1.95	0.005	0.5	0.01	1.37	0.005	0.054	999.999
77	10	31	19	0.01	1.95	0.005	0.5	0.01	1.37	0.005	0.050	999.999
77	10	31	20	0.01	1.95	0.005	0.5	0.01	1.37	0.005	0.048	999.999
77	10	31	21	0.01	2.06	0.005	0.5	0.01	1.39	0.005	0.048	999.999
77	10	31	22	0.01	2.06	0.005	0.5	0.01	1.39	0.005	0.048	999.999
77	10	31	23	0.01	2.06	0.005	0.5	0.01	1.39	0.005	0.048	999.999
77	10	31	24	0.01	2.06	0.005	0.5	0.01	1.39	0.005	0.048	999.999
77	11	1	1	0.01	2.06	0.005	0.5	0.01	1.39	0.005	0.050	999.999
77	11	1	2	0.01	2.06	0.005	0.5	0.01	1.39	0.005	0.048	999.999
77	11	1	3	0.01	2.06	0.005	0.5	0.01	1.39	0.005	0.050	999.999
77	11	1	4	0.01	2.06	0.005	0.5	0.01	1.39	0.005	0.050	999.999
77	11	1	5	0.01	2.06	0.005	0.5	0.01	1.39	0.005	0.052	999.999
77	11	1	6	0.01	2.06	0.005	0.5	0.01	1.39	0.005	0.052	999.999
77	11	1	7	0.01	2.06	0.005	0.5	0.01	1.40	0.005	0.052	999.999
77	11	1	8	0.01	2.06	0.005	0.5	0.01	1.40	0.005	0.052	999.999
77	11	1	9	0.01	2.06	0.005	0.5	0.01	1.40	0.005	0.054	999.999
77	11	1	10	0.01	2.06	0.005	0.5	0.01	1.38	0.005	0.056	999.999
77	11	1	11	0.01	1.96	0.005	0.5	0.01	1.38	0.005	0.058	999.999
77	11	1	12	0.01	1.97	0.005	0.5	0.01	1.36	0.005	0.058	999.999
77	11	1	13	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.058	999.999
77	11	1	14	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.058	999.999
77	11	1	15	0.01	2.07	0.005	0.5	0.01	1.46	0.005	0.058	999.999
77	11	1	16	0.01	2.07	0.005	0.5	0.01	1.44	0.005	0.058	999.999
77	11	1	17	0.01	2.07	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	11	1	18	0.01	2.07	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	11	1	19	0.01	2.07	0.005	0.5	0.01	1.46	0.005	0.050	999.999
77	11	1	20	0.01	2.17	0.005	0.5	0.01	1.46	0.005	0.048	999.999
77	11	1	21	0.01	2.07	0.005	0.5	0.01	1.44	0.005	0.052	999.999
77	11	1	22	0.01	2.07	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	11	1	23	0.01	2.07	0.005	0.5	0.01	1.44	0.005	0.052	999.999
77	11	1	24	0.01	2.07	0.005	0.5	0.01	1.44	0.005	0.046	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	11	2	1	0.01	2.07	0.005	0.5	0.01	1.46	0.005	0.050	999.999
77	11	2	2	0.01	2.17	0.005	0.5	0.01	1.46	0.005	0.052	999.999
77	11	2	3	0.01	2.18	0.005	0.5	0.01	1.47	0.005	0.050	999.999
77	11	2	4	0.01	2.08	0.005	0.5	0.01	1.45	0.005	0.050	999.999
77	11	2	5	0.01	2.18	0.005	0.5	0.01	1.45	0.005	0.050	999.999
77	11	2	6	0.01	2.08	0.005	0.5	0.01	1.45	0.005	0.050	999.999
77	11	2	7	0.01	2.08	0.005	0.5	0.01	1.45	0.005	0.048	999.999
77	11	2	8	0.01	2.08	0.005	0.5	0.01	1.45	0.005	0.044	999.999
77	11	2	9	0.01	999.99	999.999	999.9	0.01	999.99	999.999	999.999	999.999
77	11	2	10	0.01	2.08	999.999	999.9	0.01	1.43	999.999	999.999	999.999
77	11	2	11	0.01	2.08	0.005	0.5	0.01	1.43	0.005	0.046	999.999
77	11	2	12	0.01	2.08	0.005	0.5	0.01	1.41	0.005	0.048	999.999
77	11	2	13	0.01	2.08	0.005	0.5	0.01	1.43	0.005	0.050	999.999
77	11	2	14	0.01	2.08	0.005	0.5	0.01	1.43	0.005	0.050	999.999
77	11	2	15	0.01	2.08	0.005	0.5	0.01	1.43	0.005	0.050	999.999
77	11	2	16	0.01	2.08	0.005	0.5	0.01	1.43	0.005	0.050	999.999
77	11	2	17	0.01	2.08	0.005	0.5	0.01	1.45	0.005	0.046	999.999
77	11	2	18	0.01	2.29	0.005	0.5	0.01	1.51	0.005	0.046	999.999
77	11	2	19	0.01	2.39	0.005	0.5	0.01	1.53	0.005	0.044	999.999
77	11	2	20	0.01	2.19	0.005	0.5	0.01	1.45	0.005	0.046	999.999
77	11	2	21	0.01	2.09	0.005	0.5	0.01	1.41	0.005	0.046	999.999
77	11	2	22	0.01	2.09	0.005	0.5	0.01	1.41	0.005	0.044	999.999
77	11	2	23	0.01	2.09	0.005	0.5	0.01	1.42	0.005	0.046	999.999
77	11	2	24	0.01	2.09	0.005	0.5	0.01	1.42	0.005	0.046	999.999
77	11	3	1	0.01	2.09	0.005	0.5	0.01	1.42	0.005	0.046	999.999
77	11	3	2	0.01	2.09	0.005	0.5	0.01	1.44	0.005	0.046	999.999
77	11	3	3	0.01	2.09	0.005	0.5	0.01	1.44	0.005	0.046	999.999
77	11	3	4	0.01	2.09	0.005	0.5	0.01	1.42	0.005	0.042	999.999
77	11	3	5	0.01	2.09	0.005	0.5	0.01	1.42	0.005	0.042	999.999
77	11	3	6	0.01	2.09	0.005	0.5	0.01	1.44	0.005	0.042	999.999
77	11	3	7	0.01	2.09	0.005	0.5	0.01	1.44	0.005	0.042	999.999
77	11	3	8	0.01	2.09	0.005	0.5	0.01	1.42	0.005	0.042	999.999
77	11	3	9	0.01	2.10	0.005	0.5	0.01	1.42	0.005	0.040	999.999
77	11	3	10	0.01	2.10	0.005	0.5	0.01	1.42	0.005	0.036	999.999
77	11	3	11	0.01	2.10	0.005	0.5	0.01	1.42	0.005	0.042	999.999
77	11	3	12	0.01	2.10	0.005	0.5	0.01	1.40	0.005	0.048	999.999
77	11	3	13	0.01	2.10	0.005	0.5	0.01	1.42	0.005	0.048	999.999
77	11	3	14	0.01	2.10	0.005	0.5	0.01	1.42	0.005	0.048	999.999
77	11	3	15	0.01	2.10	0.005	0.5	0.01	1.40	0.005	0.048	999.999
77	11	3	16	0.01	2.10	0.005	0.5	0.01	1.40	0.005	0.048	999.999
77	11	3	17	0.01	2.10	0.005	0.5	0.01	1.40	0.005	0.048	999.999
77	11	3	18	0.01	2.10	0.005	0.5	0.01	1.42	0.005	0.046	999.999
77	11	3	19	0.01	2.10	0.005	0.5	0.01	1.43	0.005	0.044	999.999
77	11	3	20	0.01	2.10	0.005	0.5	0.01	1.43	0.005	0.046	999.999
77	11	3	21	0.01	2.10	0.005	0.5	0.01	1.43	0.005	0.046	999.999
77	11	3	22	0.01	2.10	0.005	0.5	0.01	1.45	0.005	0.044	999.999
77	11	3	23	0.01	2.10	0.005	0.5	0.01	1.45	0.005	0.044	999.999
77	11	3	24	0.01	2.11	0.005	0.5	0.01	1.45	0.005	0.044	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	11	4	1	0.01	2.11	0.005	0.5	0.01	1.45	0.005	0.044	999.999
77	11	4	2	0.01	2.11	0.005	0.5	0.01	1.45	0.005	0.044	999.999
77	11	4	3	0.01	2.11	0.005	0.5	0.01	1.45	0.005	0.044	999.999
77	11	4	4	0.01	2.21	0.005	0.5	0.01	1.47	0.005	0.042	999.999
77	11	4	5	0.01	2.21	0.005	0.5	0.01	1.47	0.005	0.044	999.999
77	11	4	6	0.01	2.21	0.005	0.5	0.01	1.45	0.005	0.038	999.999
77	11	4	7	0.01	2.21	0.005	0.5	0.01	1.45	0.005	0.036	999.999
77	11	4	8	0.01	2.11	0.005	0.5	0.01	1.45	0.005	0.042	999.999
77	11	4	9	0.01	2.11	0.005	0.5	0.01	1.43	0.005	0.042	999.999
77	11	4	10	0.01	2.11	0.005	0.5	0.01	1.43	0.005	0.046	999.999
77	11	4	11	0.01	2.11	0.005	0.5	0.01	1.43	0.005	0.048	999.999
77	11	4	12	0.01	2.11	0.005	0.5	0.01	1.43	0.005	0.050	999.999
77	11	4	13	0.01	2.11	0.005	0.5	0.01	1.43	0.005	0.050	999.999
77	11	4	14	0.01	2.11	0.005	0.5	0.01	1.43	0.005	0.052	999.999
77	11	4	15	0.01	2.12	0.005	0.5	0.01	1.42	0.005	0.044	999.999
77	11	4	16	0.01	2.12	0.005	0.5	0.01	1.44	0.005	0.050	999.999
77	11	4	17	0.01	2.12	0.005	0.5	0.01	1.44	0.005	0.052	999.999
77	11	4	18	0.01	2.12	0.005	0.5	0.01	1.44	0.005	0.050	999.999
77	11	4	19	0.01	2.12	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	11	4	20	0.01	2.12	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	11	4	21	0.01	2.12	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	11	4	22	0.01	2.12	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	11	4	23	0.01	2.12	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	11	4	24	0.01	2.12	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	11	5	1	0.01	2.12	0.005	0.5	0.01	1.44	0.005	0.052	999.999
77	11	5	2	0.01	2.12	0.005	0.5	0.01	1.42	0.005	0.050	999.999
77	11	5	3	0.01	2.12	0.005	0.5	0.01	1.44	0.005	0.050	999.999
77	11	5	4	0.01	2.12	0.005	0.5	0.01	1.44	0.005	0.046	999.999
77	11	5	5	0.01	2.12	0.005	0.5	0.01	1.44	0.005	0.046	999.999
77	11	5	6	0.01	2.13	0.005	0.5	0.01	1.44	0.005	0.046	999.999
77	11	5	7	0.01	2.13	0.005	0.5	0.01	1.44	0.005	0.046	999.999
77	11	5	8	0.01	2.13	0.005	0.5	0.01	1.44	0.005	0.046	999.999
77	11	5	9	0.01	2.13	0.005	0.5	0.01	1.44	0.005	0.046	999.999
77	11	5	10	0.01	2.13	0.005	0.5	0.01	1.44	0.005	0.048	999.999
77	11	5	11	0.01	2.13	0.005	0.5	0.01	1.43	0.005	0.052	999.999
77	11	5	12	0.01	2.03	0.005	0.5	0.01	1.43	0.005	0.056	999.999
77	11	5	13	0.01	2.03	0.005	0.5	0.01	1.41	0.005	0.056	999.999
77	11	5	14	0.01	2.03	0.005	0.5	0.01	1.41	0.005	0.054	999.999
77	11	5	15	0.01	2.03	0.005	0.5	0.01	1.41	0.005	0.054	999.999
77	11	5	16	0.01	2.03	0.005	0.5	0.01	1.41	0.005	0.054	999.999
77	11	5	17	0.01	2.03	0.005	0.5	0.01	1.45	0.005	0.052	999.999
77	11	5	18	0.01	2.03	0.005	0.5	0.01	1.41	0.005	0.050	999.999
77	11	5	19	0.01	2.03	0.005	0.5	0.01	1.39	0.005	0.048	999.999
77	11	5	20	0.01	2.03	0.005	0.5	0.01	1.39	0.005	0.048	999.999
77	11	5	21	0.01	2.04	0.005	0.5	0.01	1.39	0.005	0.046	999.999
77	11	5	22	0.01	2.04	0.005	0.5	0.01	1.39	0.005	0.046	999.999
77	11	5	23	0.01	2.04	0.005	0.5	0.01	1.39	0.005	0.046	999.999
77	11	5	24	0.01	2.04	0.005	0.5	0.01	1.39	0.005	0.046	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	11	6	1	0.01	2.04	0.005	0.5	0.01	1.41	0.005	0.046	999.999
77	11	6	2	0.01	2.04	0.005	0.5	0.01	1.39	0.005	0.048	999.999
77	11	6	3	0.01	2.04	0.005	0.5	0.01	1.41	0.005	0.048	999.999
77	11	6	4	0.01	2.04	0.005	0.5	0.01	1.39	0.005	0.048	999.999
77	11	6	5	0.01	2.04	0.005	0.5	0.01	1.41	0.005	0.046	999.999
77	11	6	6	0.01	2.04	0.005	0.5	0.01	1.39	0.005	0.044	999.999
77	11	6	7	0.01	2.04	0.005	0.5	0.01	1.40	0.005	0.044	999.999
77	11	6	8	0.01	2.14	0.005	0.5	0.01	1.42	0.005	0.042	999.999
77	11	6	9	0.01	2.14	0.005	0.5	0.01	1.44	0.005	0.042	999.999
77	11	6	10	0.01	2.14	0.005	0.5	0.01	1.40	0.005	0.038	999.999
77	11	6	11	0.01	2.05	0.005	0.5	0.01	1.40	0.005	0.040	999.999
77	11	6	12	0.01	2.05	0.005	0.5	0.01	1.40	0.005	0.038	999.999
77	11	6	13	0.01	2.05	0.005	0.5	0.01	1.40	0.005	0.036	999.999
77	11	6	14	0.01	2.05	0.005	0.5	0.01	1.38	0.005	0.038	999.999
77	11	6	15	0.01	2.05	0.005	0.5	0.01	1.40	0.005	0.044	999.999
77	11	6	16	0.01	2.05	0.005	0.5	0.01	1.40	0.005	0.040	999.999
77	11	6	17	0.01	2.05	0.005	0.5	0.01	1.40	0.005	0.042	999.999
77	11	6	18	0.01	2.05	0.005	0.5	0.01	1.42	0.005	0.044	999.999
77	11	6	19	0.01	2.05	0.005	0.5	0.01	1.40	0.005	0.044	999.999
77	11	6	20	0.01	2.05	0.005	0.5	0.01	1.42	0.005	0.046	999.999
77	11	6	21	0.01	2.05	0.005	0.5	0.01	1.42	0.005	0.042	999.999
77	11	6	22	0.01	2.05	0.005	0.5	0.01	1.42	0.005	0.038	999.999
77	11	6	23	0.01	2.05	0.005	0.5	0.01	1.42	0.005	0.036	999.999
77	11	6	24	0.01	2.05	0.005	0.5	0.01	1.44	0.005	0.034	999.999
77	11	7	1	0.01	2.05	0.005	0.5	0.01	1.40	0.005	0.030	999.999
77	11	7	2	0.01	2.06	0.005	0.5	0.01	1.42	0.005	0.032	999.999
77	11	7	3	0.01	2.16	0.005	0.5	0.01	1.43	0.005	0.034	999.999
77	11	7	4	0.01	2.06	0.005	0.5	0.01	1.45	0.005	0.032	999.999
77	11	7	5	0.01	2.16	0.005	0.5	0.01	1.45	0.005	0.034	999.999
77	11	7	6	0.01	2.16	0.005	0.5	0.01	1.45	0.005	0.032	999.999
77	11	7	7	0.01	2.16	0.005	0.5	0.01	1.45	0.005	0.032	999.999
77	11	7	8	0.01	2.16	0.005	0.5	0.01	1.43	0.005	0.028	999.999
77	11	7	9	0.01	2.16	0.005	0.5	0.01	1.43	0.005	0.028	999.999
77	11	7	10	0.01	2.26	0.005	0.5	0.01	1.45	0.005	0.024	999.999
77	11	7	11	0.01	2.06	0.005	0.5	0.01	1.43	0.005	0.040	999.999
77	11	7	12	0.01	2.06	0.005	0.5	0.01	1.41	0.005	0.044	999.999
77	11	7	13	0.01	2.06	0.005	0.5	0.01	1.41	0.005	0.050	999.999
77	11	7	14	0.01	2.06	0.005	0.5	0.01	1.39	0.005	0.050	999.999
77	11	7	15	0.01	2.06	0.005	0.5	0.01	1.37	0.005	0.052	999.999
77	11	7	16	0.01	2.06	0.005	0.5	0.01	1.39	0.005	0.048	999.999
77	11	7	17	0.01	2.07	0.005	0.5	0.01	1.37	0.005	0.046	999.999
77	11	7	18	0.01	2.17	0.005	0.5	0.01	1.43	0.005	0.040	999.999
77	11	7	19	0.01	2.07	0.005	0.5	0.01	1.39	0.005	0.040	999.999
77	11	7	20	0.01	2.07	0.005	0.5	0.01	1.39	0.005	0.046	999.999
77	11	7	21	0.01	2.07	0.005	0.5	0.01	1.39	0.005	0.044	999.999
77	11	7	22	0.01	2.07	0.005	0.5	0.01	1.39	0.005	0.042	999.999
77	11	7	23	0.01	2.07	0.005	0.5	0.01	1.40	0.005	0.044	999.999
77	11	7	24	0.01	2.07	0.005	0.5	0.01	1.40	0.005	0.046	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	11	8	1	0.01	2.07	0.005	0.5	0.01	1.40	0.005	0.050	999.999
77	11	8	2	0.01	2.07	0.005	0.5	0.01	1.40	0.005	0.050	999.999
77	11	8	3	0.01	2.07	0.005	0.5	0.01	1.40	0.005	0.050	999.999
77	11	8	4	0.01	2.07	0.005	0.5	0.01	1.38	0.005	0.046	999.999
77	11	8	5	0.01	2.07	0.005	0.5	0.01	1.38	0.005	0.054	999.999
77	11	8	6	0.01	2.07	0.005	0.5	0.01	1.40	0.005	0.052	999.999
77	11	8	7	0.01	2.07	0.005	0.5	0.01	1.40	0.005	0.050	999.999
77	11	8	8	0.01	2.08	0.005	0.5	0.01	1.42	0.005	0.052	999.999
77	11	8	9	0.01	2.08	0.005	0.5	0.01	1.44	0.005	0.052	999.999
77	11	8	10	0.01	2.08	0.005	0.5	0.01	1.44	0.005	0.052	999.999
77	11	8	11	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.054	999.999
77	11	8	12	0.01	2.08	0.005	999.9	0.01	1.44	0.005	0.054	999.999
77	11	8	13	0.01	2.08	999.999	0.5	0.01	1.44	999.999	999.999	999.999
77	11	8	14	0.01	2.18	999.999	0.5	0.01	1.46	999.999	0.054	999.999
77	11	8	15	0.01	2.18	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	11	8	16	0.01	2.18	0.005	0.5	0.01	1.46	0.005	0.054	999.999
77	11	8	17	0.01	2.08	0.005	0.5	0.01	1.44	0.005	0.056	999.999
77	11	8	18	0.01	2.18	0.005	0.5	0.01	1.44	0.005	0.052	999.999
77	11	8	19	0.01	2.18	0.005	0.5	0.01	1.47	0.005	0.052	999.999
77	11	8	20	0.01	2.18	0.005	0.5	0.01	1.47	0.005	0.052	999.999
77	11	8	21	0.01	2.18	0.005	0.5	0.01	1.47	0.005	0.052	999.999
77	11	8	22	0.01	2.18	0.005	0.5	0.01	1.47	0.005	0.052	999.999
77	11	8	23	0.01	2.19	0.005	0.5	0.01	1.47	0.005	0.054	999.999
77	11	8	24	0.01	2.19	0.005	0.5	0.01	1.49	0.005	0.054	999.999
77	11	9	1	0.01	2.19	0.005	0.5	0.01	1.49	0.005	0.054	999.999
77	11	9	2	0.01	2.19	0.005	0.5	0.01	1.49	0.005	0.056	999.999
77	11	9	3	0.01	2.19	0.005	0.5	0.01	1.49	0.005	0.056	999.999
77	11	9	4	0.01	2.19	0.005	0.5	0.01	1.49	0.005	0.056	999.999
77	11	9	5	0.01	2.19	0.005	0.5	0.01	1.49	0.005	0.056	999.999
77	11	9	6	0.01	2.19	0.005	0.5	0.01	1.49	0.005	0.056	999.999
77	11	9	7	0.01	2.19	0.005	0.5	0.01	1.49	0.005	0.056	999.999
77	11	9	8	0.01	2.19	0.005	0.5	0.01	1.49	0.005	0.054	999.999
77	11	9	9	0.01	2.19	0.005	0.5	0.01	1.49	0.005	0.056	999.999
77	11	9	10	0.01	2.19	0.005	0.5	0.01	1.47	0.005	0.056	999.999
77	11	9	11	0.01	2.19	0.005	0.5	0.01	1.47	0.005	0.056	999.999
77	11	9	12	0.01	2.19	0.005	0.5	0.01	1.47	0.005	0.058	999.999
77	11	9	13	0.01	2.19	0.005	0.5	0.01	1.47	0.005	0.058	999.999
77	11	9	14	0.01	2.20	0.005	0.5	0.01	1.47	0.005	0.060	999.999
77	11	9	15	0.01	2.20	0.005	0.5	0.01	1.48	0.005	0.060	999.999
77	11	9	16	0.01	2.20	0.005	0.5	0.01	1.48	0.005	0.060	999.999
77	11	9	17	0.01	2.20	0.005	0.5	0.01	1.48	0.005	0.056	999.999
77	11	9	18	0.01	2.20	0.005	0.5	0.01	1.48	0.005	0.056	999.999
77	11	9	19	0.01	2.20	0.005	0.5	0.01	1.50	0.005	0.054	999.999
77	11	9	20	0.01	2.20	0.005	0.5	0.01	1.48	0.005	0.056	999.999
77	11	9	21	0.01	2.20	0.005	0.5	0.01	1.48	0.005	0.058	999.999
77	11	9	22	0.01	2.20	0.005	0.5	0.01	1.48	0.005	0.058	999.999
77	11	9	23	0.01	2.20	0.005	0.5	0.01	1.48	0.005	0.058	999.999
77	11	9	24	0.01	2.20	0.005	0.5	0.01	1.48	0.005	0.056	999.999

NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	11	10	1	0.01	2.20	0.005	0.5	0.01	1.48	0.005	0.056	999.999
77	11	10	2	0.01	2.20	0.005	0.5	0.01	1.48	0.005	0.056	999.999
77	11	10	3	0.01	2.20	0.005	0.5	0.01	1.48	0.005	0.056	999.999
77	11	10	4	0.01	2.20	0.005	0.5	0.01	1.48	0.005	0.056	999.999
77	11	10	5	0.01	2.21	0.005	0.5	0.01	1.48	0.005	0.056	999.999
77	11	10	6	0.01	2.11	0.005	0.5	0.01	1.48	0.005	0.056	999.999
77	11	10	7	0.01	2.21	0.005	0.5	0.01	1.48	0.005	0.056	999.999
77	11	10	8	0.01	2.21	0.005	0.5	0.01	1.48	0.005	0.054	999.999
77	11	10	9	0.01	2.21	0.005	0.5	0.01	1.46	0.005	0.056	999.999
77	11	10	10	0.01	2.11	0.005	0.5	0.01	1.46	0.005	0.050	999.999
77	11	10	11	0.01	2.11	0.005	0.5	0.01	1.45	0.005	0.060	999.999
77	11	10	12	0.01	2.01	0.005	0.5	0.01	1.41	0.005	0.060	999.999
77	11	10	13	0.01	2.01	0.005	0.5	0.01	1.37	0.005	0.060	999.999
77	11	10	14	0.01	2.01	0.005	0.5	0.01	1.39	0.005	0.060	999.999
77	11	10	15	0.01	2.01	0.005	0.5	0.01	1.39	0.005	0.060	999.999
77	11	10	16	0.01	2.01	0.005	0.5	0.01	1.39	0.005	0.060	999.999
77	11	10	17	0.01	2.01	0.005	0.5	0.01	1.39	0.005	0.056	999.999
77	11	10	18	0.01	2.01	0.005	0.5	0.01	1.39	0.005	0.056	999.999
77	11	10	19	0.01	2.01	0.005	0.5	0.01	1.39	0.005	0.056	999.999
77	11	10	20	0.01	2.02	0.005	0.5	0.01	1.39	0.005	0.058	999.999
77	11	10	21	0.01	2.02	0.005	0.5	0.01	1.37	0.005	0.056	999.999
77	11	10	22	0.01	2.02	0.005	0.5	0.01	1.39	0.005	0.058	999.999
77	11	10	23	0.01	2.02	0.005	0.5	0.01	1.39	0.005	0.052	999.999
77	11	10	24	0.01	2.02	0.005	0.5	0.01	1.37	0.005	0.054	999.999
77	11	11	1	0.01	2.02	0.005	0.5	0.01	1.39	0.005	0.056	999.999
77	11	11	2	0.01	2.02	0.005	0.5	0.01	1.39	0.005	0.058	999.999
77	11	11	3	0.01	2.02	0.005	0.5	0.01	1.39	0.005	0.056	999.999
77	11	11	4	0.01	2.02	0.005	0.5	0.01	1.39	0.005	0.056	999.999
77	11	11	5	0.01	2.02	0.005	0.5	0.01	1.37	0.005	0.058	999.999
77	11	11	6	0.01	2.02	0.005	0.5	0.01	1.37	0.005	0.058	999.999
77	11	11	7	0.01	2.02	0.005	0.5	0.01	1.38	0.005	0.058	999.999
77	11	11	8	0.01	2.02	0.005	0.5	0.01	1.38	0.005	0.056	999.999
77	11	11	9	0.01	2.02	0.005	0.5	0.01	1.38	0.005	0.054	999.999
77	11	11	10	0.01	1.92	0.005	0.5	0.01	1.36	0.005	0.052	999.999
77	11	11	11	0.01	1.93	0.005	0.5	0.01	1.34	0.005	0.050	999.999
77	11	11	12	0.01	2.03	0.005	0.5	0.01	1.36	0.005	0.054	999.999
77	11	11	13	0.01	1.93	0.005	0.5	0.01	1.34	0.005	0.056	999.999
77	11	11	14	0.01	1.93	0.005	0.5	0.01	1.36	0.005	0.058	999.999
77	11	11	15	0.01	2.03	0.005	0.5	0.01	1.38	0.005	0.056	999.999
77	11	11	16	0.01	2.03	0.005	0.5	0.01	1.38	0.005	0.056	999.999
77	11	11	17	0.01	2.03	0.005	0.5	0.01	1.38	0.005	0.054	999.999
77	11	11	18	0.01	2.03	0.005	0.5	0.01	1.36	0.005	0.052	999.999
77	11	11	19	0.01	2.03	0.005	0.5	0.01	1.36	0.005	0.052	999.999
77	11	11	20	0.01	2.03	0.005	0.5	0.01	1.36	0.005	0.054	999.999
77	11	11	21	0.01	2.03	0.005	0.5	0.01	1.38	0.005	0.054	999.999
77	11	11	22	0.01	2.03	0.005	0.5	0.01	1.38	0.005	0.052	999.999
77	11	11	23	0.01	2.03	0.005	0.5	0.01	1.36	0.005	0.054	999.999
77	11	11	24	0.01	2.03	0.005	0.5	0.01	1.38	0.005	0.054	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	11	12	1	0.01	2.03	0.005	0.5	0.01	1.38	0.005	0.054	999.999
77	11	12	2	0.01	2.04	0.005	0.5	0.01	1.38	0.005	0.054	999.999
77	11	12	3	0.01	2.04	0.005	0.5	0.01	1.39	0.005	0.054	999.999
77	11	12	4	0.01	2.04	0.005	0.5	0.01	1.39	0.005	0.054	999.999
77	11	12	5	0.01	2.04	0.005	0.5	0.01	1.41	0.005	0.052	999.999
77	11	12	6	0.01	2.04	0.005	0.5	0.01	1.41	0.005	0.052	999.999
77	11	12	7	0.01	2.04	0.005	0.5	0.01	1.41	0.005	0.052	999.999
77	11	12	8	0.01	2.14	0.005	0.5	0.01	1.41	0.005	0.052	999.999
77	11	12	9	0.01	2.14	0.005	0.5	0.01	1.43	0.005	0.052	999.999
77	11	12	10	0.01	2.04	0.005	0.5	0.01	1.39	0.005	0.056	999.999
77	11	12	11	0.01	2.04	0.005	0.5	0.01	1.39	0.005	0.056	999.999
77	11	12	12	0.01	1.94	0.005	0.5	0.01	1.39	0.005	0.056	999.999
77	11	12	13	0.01	2.04	0.005	0.5	0.01	1.39	0.005	0.058	999.999
77	11	12	14	0.01	2.04	0.005	0.5	0.01	1.39	0.005	0.058	999.999
77	11	12	15	0.01	2.04	0.005	0.5	0.01	1.39	0.005	0.060	999.999
77	11	12	16	0.01	2.04	0.005	0.5	0.01	1.41	0.005	0.058	999.999
77	11	12	17	0.01	2.05	0.005	0.5	0.01	1.39	0.005	0.056	999.999
77	11	12	18	0.01	2.05	0.005	0.5	0.01	1.41	0.005	0.054	999.999
77	11	12	19	0.01	2.15	0.005	0.5	0.01	1.43	0.005	0.052	999.999
77	11	12	20	0.01	2.15	0.005	0.5	0.01	1.43	0.005	0.052	999.999
77	11	12	21	0.01	2.05	0.005	0.5	0.01	1.41	0.005	0.056	999.999
77	11	12	22	0.01	2.05	0.005	0.5	0.01	1.39	0.005	0.056	999.999
77	11	12	23	0.01	2.05	0.005	0.5	0.01	1.40	0.005	0.056	999.999
77	11	12	24	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	11	13	1	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	999.999
77	11	13	2	0.01	2.05	0.005	0.5	0.01	1.40	0.005	0.052	999.999
77	11	13	3	0.01	2.05	0.005	0.5	0.01	1.40	0.005	0.052	999.999
77	11	13	4	0.01	1.95	0.005	0.5	0.01	1.38	0.005	0.054	999.999
77	11	13	5	0.01	1.95	0.005	0.5	0.01	1.38	0.005	0.054	999.999
77	11	13	6	0.01	1.95	0.005	0.5	0.01	1.38	0.005	0.056	999.999
77	11	13	7	0.01	1.95	0.005	0.5	0.01	1.38	0.005	0.056	999.999
77	11	13	8	0.01	2.06	0.005	0.5	0.01	1.38	0.005	0.054	999.999
77	11	13	9	0.01	2.06	0.005	0.5	0.01	1.38	0.005	0.052	999.999
77	11	13	10	0.01	1.96	0.005	0.5	0.01	1.38	0.005	0.048	999.999
77	11	13	11	0.01	1.96	0.005	0.5	0.01	1.36	0.005	0.054	999.999
77	11	13	12	0.01	1.96	0.005	0.5	0.01	1.36	0.005	0.058	999.999
77	11	13	13	0.01	1.96	0.005	0.5	0.01	1.34	0.005	0.058	999.999
77	11	13	14	0.01	1.96	0.005	0.5	0.01	1.34	0.005	0.060	999.999
77	11	13	15	0.01	1.96	0.005	0.5	0.01	1.34	0.005	0.058	999.999
77	11	13	16	0.01	1.86	0.005	0.5	0.01	1.32	0.005	0.058	999.999
77	11	13	17	0.01	1.96	0.005	0.5	0.01	1.34	0.005	0.058	999.999
77	11	13	18	0.01	1.96	0.005	0.5	0.01	999.99	0.005	0.056	999.999
77	11	13	19	0.01	1.96	0.005	0.5	0.01	999.99	0.005	0.056	999.999
77	11	13	20	0.01	1.96	0.005	0.5	0.01	999.99	0.005	0.054	999.999
77	11	13	21	0.01	1.96	0.005	0.5	0.01	999.99	0.005	0.056	999.999
77	11	13	22	0.01	2.06	0.005	0.5	0.01	999.99	0.005	0.056	999.999
77	11	13	23	0.01	2.07	0.005	0.5	0.01	999.99	0.005	0.054	999.999
77	11	13	24	0.01	2.07	0.005	0.5	0.01	999.99	0.005	0.054	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	11	14	1	0.01	2.07	0.005	0.5	0.01	999.99	0.005	0.052	999.999
77	11	14	2	0.01	2.07	0.005	0.5	0.01	999.99	0.005	0.050	999.999
77	11	14	3	0.01	2.07	0.005	0.5	0.01	999.99	0.005	0.052	999.999
77	11	14	4	0.01	2.07	0.005	0.5	0.01	999.99	0.005	0.052	999.999
77	11	14	5	0.01	2.07	0.005	0.5	0.01	999.99	0.005	0.052	999.999
77	11	14	6	0.01	2.07	0.005	0.5	0.01	999.99	0.005	0.050	999.999
77	11	14	7	0.01	2.07	0.005	0.5	0.01	999.99	0.005	0.048	999.999
77	11	14	8	0.01	2.07	0.005	0.5	0.01	999.99	0.005	0.046	999.999
77	11	14	9	0.01	2.07	0.005	0.5	0.01	999.99	0.005	0.050	999.999
77	11	14	10	0.01	2.07	0.005	0.5	0.01	999.99	0.005	0.054	999.999
77	11	14	11	0.01	1.97	0.005	0.5	0.01	999.99	0.005	0.056	999.999
77	11	14	12	0.01	2.07	0.005	0.5	0.01	999.99	0.005	0.058	999.999
77	11	14	13	0.01	1.98	0.005	0.5	0.01	999.99	0.005	0.060	999.999
77	11	14	14	0.01	1.98	0.005	0.5	0.01	999.99	0.005	0.062	999.999
77	11	14	15	0.01	1.98	0.005	0.5	0.01	999.99	0.005	0.064	999.999
77	11	14	16	0.01	1.98	0.005	0.5	0.01	999.99	0.005	0.062	999.999
77	11	14	17	0.01	999.99	999.999	999.9	0.01	999.99	999.999	0.060	999.999
77	11	14	18	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.060	999.999
77	11	14	19	0.01	1.98	0.005	0.5	0.01	1.38	0.005	0.060	999.999
77	11	14	20	0.01	1.98	0.005	0.5	0.01	1.40	0.005	0.060	999.999
77	11	14	21	0.01	2.08	0.005	0.5	0.01	1.40	0.005	0.060	999.999
77	11	14	22	0.01	2.08	0.005	0.5	0.01	1.40	0.005	0.060	999.999
77	11	14	23	0.01	2.08	0.005	0.5	0.01	1.40	0.005	0.058	999.999
77	11	14	24	0.01	2.08	0.005	0.5	0.01	1.40	0.005	0.058	999.999
77	11	15	1	0.01	2.08	0.005	0.5	0.01	1.40	0.005	0.054	999.999
77	11	15	2	0.01	1.98	0.005	0.5	0.01	1.40	0.005	0.052	999.999
77	11	15	3	0.01	1.98	0.005	0.5	0.01	1.38	0.005	0.052	999.999
77	11	15	4	0.01	1.99	0.005	0.5	0.01	1.38	0.005	0.052	999.999
77	11	15	5	0.01	1.99	0.005	0.5	0.01	1.38	0.005	0.048	999.999
77	11	15	6	0.01	1.99	0.005	0.5	0.01	1.38	0.005	0.048	999.999
77	11	15	7	0.01	1.99	0.005	0.5	0.01	1.38	0.005	0.048	999.999
77	11	15	8	0.01	1.99	0.005	0.5	0.01	1.38	0.005	0.048	999.999
77	11	15	9	0.01	1.99	0.005	0.5	0.01	1.38	0.005	0.050	999.999
77	11	15	10	0.01	1.99	0.005	0.5	0.01	1.36	0.005	0.052	999.999
77	11	15	11	0.01	1.99	0.005	0.5	0.01	1.37	0.005	0.052	999.999
77	11	15	12	0.01	1.99	0.005	0.5	0.01	1.37	0.005	0.052	999.999
77	11	15	13	0.01	1.99	0.005	0.5	0.01	1.37	0.005	0.050	999.999
77	11	15	14	0.01	1.99	0.005	0.5	0.01	1.35	0.005	0.052	999.999
77	11	15	15	0.01	1.99	0.005	0.5	0.01	1.35	0.005	0.054	999.999
77	11	15	16	0.01	1.89	0.005	0.5	0.01	1.35	0.005	0.054	999.999
77	11	15	17	0.01	1.99	0.005	0.5	0.01	1.37	0.005	0.054	999.999
77	11	15	18	0.01	1.99	0.005	0.5	0.01	1.37	0.005	0.052	999.999
77	11	15	19	0.01	2.00	0.005	0.5	0.01	1.37	0.005	0.050	999.999
77	11	15	20	0.01	2.00	0.005	0.5	0.01	1.37	0.005	0.052	999.999
77	11	15	21	0.01	2.00	0.005	0.5	0.01	1.37	0.005	0.052	999.999
77	11	15	22	0.01	2.00	0.005	0.5	0.01	1.37	0.005	0.052	999.999
77	11	15	23	0.01	2.00	0.005	0.5	0.01	1.37	0.005	0.052	999.999
77	11	15	24	0.01	2.00	0.005	0.5	0.01	1.37	0.005	0.050	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	11	16	1	0.01	2.00	0.005	0.5	0.01	1.37	0.005	0.050	999.999
77	11	16	2	0.01	2.00	0.005	0.5	0.01	1.37	0.005	0.050	999.999
77	11	16	3	0.01	2.00	0.005	0.5	0.01	1.37	0.005	0.048	999.999
77	11	16	4	0.01	2.00	0.005	0.5	0.01	1.37	0.005	0.048	999.999
77	11	16	5	0.01	2.00	0.005	0.5	0.01	1.37	0.005	0.048	999.999
77	11	16	6	0.01	2.00	0.005	0.5	0.01	1.37	0.005	0.050	999.999
77	11	16	7	0.01	2.00	0.005	0.5	0.01	1.38	0.005	0.050	999.999
77	11	16	8	0.01	2.00	0.005	0.5	0.01	1.42	0.005	0.050	999.999
77	11	16	9	0.01	2.00	0.005	0.5	0.01	1.42	0.005	0.050	999.999
77	11	16	10	0.01	2.11	0.005	0.5	0.01	1.44	0.005	0.052	999.999
77	11	16	11	0.01	2.11	0.005	0.5	0.01	1.44	0.005	0.052	999.999
77	11	16	12	0.01	2.11	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	11	16	13	0.01	2.11	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	11	16	14	0.01	2.11	0.005	0.5	0.01	1.44	0.005	0.054	999.999
77	11	16	15	0.01	2.01	0.005	0.5	0.01	1.36	0.005	0.056	999.999
77	11	16	16	0.01	2.01	0.005	0.5	0.01	1.40	0.005	0.058	999.999
77	11	16	17	0.01	2.01	0.005	0.5	0.01	1.38	0.005	0.056	999.999
77	11	16	18	0.01	2.01	0.005	0.5	0.01	1.38	0.005	0.056	999.999
77	11	16	19	0.01	2.01	0.005	0.5	0.01	1.38	0.005	0.054	999.999
77	11	16	20	0.01	2.01	0.005	0.5	0.01	1.38	0.005	0.054	999.999
77	11	16	21	0.01	2.01	0.005	0.5	0.01	1.40	0.005	0.054	999.999
77	11	16	22	0.01	2.01	0.005	0.5	0.01	1.38	0.005	0.052	999.999
77	11	16	23	0.01	1.91	0.005	0.5	0.01	1.36	0.005	0.052	999.999
77	11	16	24	0.01	2.01	0.005	0.5	0.01	1.36	0.005	0.052	999.999
77	11	17	1	0.01	2.02	0.005	0.5	0.01	1.36	0.005	0.050	999.999
77	11	17	2	0.01	2.02	0.005	0.5	0.01	1.38	0.005	0.048	999.999
77	11	17	3	0.01	2.02	0.005	0.5	0.01	1.39	0.005	0.048	999.999
77	11	17	4	0.01	2.02	0.005	0.5	0.01	1.37	0.005	0.048	999.999
77	11	17	5	0.01	2.02	0.005	0.5	0.01	1.39	0.005	0.046	999.999
77	11	17	6	0.01	2.02	0.005	0.5	0.01	1.41	0.005	0.048	999.999
77	11	17	7	0.01	2.02	0.005	0.5	0.01	1.41	0.005	0.048	999.999
77	11	17	8	0.01	2.02	0.005	0.5	0.01	1.39	0.005	0.046	999.999
77	11	17	9	0.01	2.02	0.005	0.5	0.01	1.39	0.005	0.048	999.999
77	11	17	10	0.01	2.02	0.005	0.5	0.01	1.39	0.005	0.050	999.999
77	11	17	11	0.01	2.02	0.005	0.5	0.01	1.39	0.005	0.052	999.999
77	11	17	12	0.01	2.02	0.005	0.5	0.01	1.39	0.005	0.054	999.999
77	11	17	13	0.01	2.02	0.005	0.5	0.01	1.41	0.005	0.054	999.999
77	11	17	14	0.01	2.02	0.005	0.5	0.01	1.43	0.005	0.054	999.999
77	11	17	15	0.01	2.02	0.005	0.5	0.01	1.41	0.005	0.054	999.999
77	11	17	16	0.01	2.03	0.005	0.5	0.01	1.41	0.005	0.052	999.999
77	11	17	17	0.01	2.03	0.005	0.5	0.01	1.37	0.005	0.050	999.999
77	11	17	18	0.01	2.03	0.005	0.5	0.01	1.41	0.005	0.048	999.999
77	11	17	19	0.01	2.03	0.005	0.5	0.01	1.41	0.005	0.046	999.999
77	11	17	20	0.01	2.03	0.005	0.5	0.01	1.41	0.005	0.046	999.999
77	11	17	21	0.01	2.03	0.005	0.5	0.01	1.41	0.005	0.046	999.999
77	11	17	22	0.01	2.03	0.005	0.5	0.01	1.41	0.005	0.046	999.999
77	11	17	23	0.01	2.03	0.005	0.5	0.01	1.42	0.005	0.046	999.999
77	11	17	24	0.01	2.03	0.005	0.5	0.01	1.42	0.005	0.046	999.999

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	11	18	1	0.01	2.03	0.005	0.5	0.01	1.42	0.005	0.044	999.999
77	11	18	2	0.01	2.03	0.005	0.5	0.01	1.42	0.005	0.044	999.999
77	11	18	3	0.01	2.03	0.005	0.5	0.01	1.42	0.005	0.042	999.999
77	11	18	4	0.01	2.03	0.005	0.5	0.01	1.42	0.005	0.044	999.999
77	11	18	5	0.01	2.03	0.005	0.5	0.01	1.42	0.005	0.044	999.999
77	11	18	6	0.01	2.03	0.005	0.5	0.01	1.42	0.005	0.044	999.999
77	11	18	7	0.01	2.04	0.005	0.5	0.01	1.42	0.005	0.044	999.999
77	11	18	8	0.01	2.04	0.005	0.5	0.01	1.44	0.005	0.038	999.999
77	11	18	9	0.01	2.04	0.005	0.5	0.01	1.42	0.005	0.036	999.999
77	11	18	10	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.034	999.999
77	11	18	11	0.01	2.04	0.005	0.5	0.01	1.42	0.005	0.038	999.999
77	11	18	12	0.01	2.04	0.005	0.5	0.01	1.40	0.005	0.040	999.999
77	11	18	13	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.050	999.999
77	11	18	14	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.052	999.999
77	11	18	15	0.01	999.99	0.005	999.9	0.01	999.99	0.005	0.054	999.999
77	11	18	16	0.01	999.99	0.005	999.9	0.01	999.99	0.005	0.056	999.999
77	11	18	17	0.01	999.99	0.005	999.9	0.01	999.99	0.005	0.058	999.999
77	11	18	18	0.01	999.99	0.005	999.9	0.01	999.99	0.005	0.062	0.058
77	11	18	19	0.01	1.94	0.005	999.9	0.01	1.21	0.005	0.064	0.056
77	11	18	20	0.01	1.94	0.005	0.5	0.01	1.23	0.005	0.066	0.058
77	11	18	21	0.01	1.94	0.005	0.5	0.01	1.21	0.005	0.064	0.058
77	11	18	22	0.01	1.95	0.005	0.5	0.01	1.21	0.005	0.064	0.058
77	11	18	23	0.01	1.95	0.005	0.5	0.01	1.23	0.005	0.062	0.056
77	11	18	24	0.01	1.95	0.005	0.5	0.01	1.23	0.005	0.060	0.056
77	11	19	1	0.01	1.95	0.005	0.5	0.01	1.23	0.005	0.060	0.036
77	11	19	2	0.01	1.95	0.005	0.5	0.01	1.21	0.005	0.060	0.054
77	11	19	3	0.01	1.95	0.005	0.5	0.01	1.23	0.005	0.060	0.054
77	11	19	4	0.01	1.95	0.005	0.5	0.01	1.23	0.005	0.058	0.054
77	11	19	5	0.01	1.95	0.005	0.5	0.01	1.23	0.005	0.058	0.054
77	11	19	6	0.01	1.95	0.005	0.5	0.01	1.21	0.005	0.058	0.052
77	11	19	7	0.01	1.95	0.005	0.5	0.01	1.23	0.005	0.056	0.050
77	11	19	8	0.01	1.95	0.005	0.5	0.01	1.23	0.005	0.056	0.050
77	11	19	9	0.01	1.95	0.005	0.5	0.01	1.23	0.005	0.054	0.048
77	11	19	10	0.01	2.05	0.005	0.5	0.01	1.23	0.005	0.050	0.044
77	11	19	11	0.01	2.05	0.005	0.5	0.01	1.25	0.005	0.050	0.044
77	11	19	12	0.01	2.05	0.005	0.5	0.01	1.27	0.005	0.046	0.040
77	11	19	13	0.01	2.06	0.005	0.5	0.01	1.27	0.005	0.046	0.040
77	11	19	14	0.01	2.06	0.005	0.5	0.01	1.27	0.005	0.046	0.040
77	11	19	15	0.01	2.16	0.005	0.5	0.01	1.30	0.005	0.046	0.040
77	11	19	16	0.01	2.16	0.005	0.5	0.01	1.30	0.005	0.048	0.038
77	11	19	17	0.01	2.26	0.005	0.5	0.01	1.34	0.005	0.048	0.040
77	11	19	18	0.01	2.26	0.005	0.5	0.01	1.34	0.005	0.048	0.036
77	11	19	19	0.01	2.26	0.005	0.5	0.01	1.36	0.005	0.050	0.036
77	11	19	20	0.01	2.26	0.005	0.5	0.01	1.38	0.005	0.050	0.044
77	11	19	21	0.01	2.26	0.005	0.5	0.01	1.38	0.005	0.050	0.046
77	11	19	22	0.01	2.36	0.005	0.5	0.01	1.40	0.005	0.052	0.046
77	11	19	23	0.01	2.36	0.005	0.5	0.01	1.40	0.005	0.054	0.048
77	11	19	24	0.01	2.36	0.005	0.5	0.01	1.44	0.005	0.054	0.046

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	11	20	1	0.01	2.36	0.005	0.5	0.01	1.44	0.005	0.056	0.048
77	11	20	2	0.01	2.36	0.005	0.5	0.01	1.44	0.005	0.056	0.048
77	11	20	3	0.01	2.36	0.005	0.5	0.01	1.44	0.005	0.056	0.048
77	11	20	4	0.01	2.37	0.005	0.5	0.01	1.42	0.005	0.056	0.046
77	11	20	5	0.01	2.47	0.005	0.5	0.01	1.46	0.005	0.054	0.046
77	11	20	6	0.01	2.37	0.005	0.5	0.01	1.44	0.005	0.054	0.044
77	11	20	7	0.01	2.47	0.005	0.5	0.01	1.44	0.005	0.054	0.046
77	11	20	8	0.01	2.47	0.005	0.5	0.01	1.46	0.005	0.054	0.044
77	11	20	9	0.01	2.47	0.005	0.5	0.01	1.46	0.005	0.054	0.048
77	11	20	10	0.01	2.37	0.005	0.5	0.01	1.46	0.005	0.054	0.050
77	11	20	11	0.01	2.47	0.005	0.5	0.01	1.47	0.005	0.056	0.050
77	11	20	12	0.01	2.47	0.005	0.5	0.01	1.47	0.005	0.056	0.050
77	11	20	13	0.01	2.47	0.005	0.5	0.01	1.47	0.005	0.056	0.050
77	11	20	14	0.01	999.99	0.005	999.9	0.01	999.99	0.005	999.999	0.052
77	11	20	15	999.99	999.99	0.005	999.9	999.99	999.99	0.005	999.999	0.052
77	11	20	16	999.99	999.99	0.005	999.9	999.99	999.99	0.005	999.999	0.048
77	11	20	17	999.99	999.99	0.005	999.9	999.99	999.99	0.005	999.999	0.040
77	11	20	18	999.99	2.17	0.005	0.5	999.99	1.35	0.005	0.060	0.040
77	11	20	19	999.99	2.18	0.005	0.5	999.99	1.35	0.005	0.064	0.038
77	11	20	20	999.99	2.18	0.005	0.5	999.99	1.35	0.005	0.066	0.040
77	11	20	21	999.99	2.28	0.005	0.5	999.99	1.37	0.005	0.066	0.038
77	11	20	22	999.99	2.28	0.005	0.5	999.99	1.39	0.005	0.066	0.036
77	11	20	23	999.99	2.38	0.005	0.5	999.99	1.43	0.005	0.066	0.040
77	11	20	24	999.99	2.38	0.005	0.5	999.99	1.43	0.005	0.064	0.040
77	11	21	1	999.99	2.48	0.005	0.5	999.99	1.45	0.005	0.064	0.036
77	11	21	2	0.01	2.48	0.005	0.5	0.01	1.45	0.005	0.064	0.036
77	11	21	3	0.01	2.48	0.005	0.5	0.01	1.49	0.005	0.064	0.034
77	11	21	4	0.01	2.48	0.005	0.5	0.01	1.49	0.005	0.064	0.030
77	11	21	5	0.01	2.48	0.005	0.5	0.01	1.47	0.005	0.064	0.028
77	11	21	6	0.01	2.48	0.005	0.5	0.01	1.45	0.005	0.066	0.032
77	11	21	7	0.01	2.48	0.005	0.5	0.01	1.46	0.005	0.068	0.030
77	11	21	8	0.01	2.58	0.005	0.5	0.01	1.50	0.005	0.066	0.038
77	11	21	9	0.01	2.48	0.005	0.5	0.01	1.50	0.005	0.068	0.044
77	11	21	10	0.01	999.99	0.005	0.5	0.01	999.99	0.005	0.068	0.044
77	11	21	11	0.01	2.49	0.005	0.5	0.01	1.48	0.005	0.070	999.999
77	11	21	12	0.01	2.49	0.005	0.5	0.01	1.48	0.005	0.070	0.054
77	11	21	13	0.01	2.49	0.005	0.5	0.01	1.48	0.005	0.070	0.056
77	11	21	14	0.01	2.49	0.005	0.5	0.01	1.48	0.005	0.070	0.056
77	11	21	15	0.01	2.49	0.005	0.5	0.01	1.48	0.005	0.070	0.054
77	11	21	16	0.01	2.49	0.005	0.5	0.01	1.48	0.005	0.068	0.052
77	11	21	17	0.01	2.49	0.005	0.5	0.01	1.48	0.005	0.066	0.050
77	11	21	18	999.99	2.49	0.005	0.5	999.99	1.48	0.005	0.066	0.044
77	11	21	19	999.99	2.49	0.005	0.5	999.99	1.48	0.005	0.064	0.046
77	11	21	20	999.99	2.49	0.005	0.5	999.99	1.48	0.005	0.064	0.048
77	11	21	21	999.99	2.49	0.005	0.5	999.99	1.46	0.005	0.064	0.048
77	11	21	22	0.01	2.49	0.005	0.5	0.01	1.46	0.005	0.062	0.048
77	11	21	23	0.01	2.49	0.005	0.5	0.01	1.46	0.005	0.062	0.046
77	11	21	24	0.01	2.49	0.005	0.5	0.01	1.46	0.005	0.062	0.048

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR MN DY HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77 11 22 1	0.01	2.40	0.005	0.5	0.01	1.44	0.005	0.062	0.048
77 11 22 2	0.01	2.40	0.005	0.5	0.01	1.44	0.005	0.062	0.048
77 11 22 3	0.01	2.40	0.005	0.5	0.01	1.45	0.005	0.062	0.048
77 11 22 4	0.01	2.40	0.005	0.5	0.01	1.45	0.005	0.062	0.048
77 11 22 5	0.01	2.40	0.005	0.5	0.01	1.43	0.005	0.062	0.044
77 11 22 6	0.01	2.40	0.005	0.5	0.01	1.41	0.005	0.060	0.046
77 11 22 7	0.01	2.30	0.005	0.5	0.01	1.39	0.005	0.062	0.046
77 11 22 8	0.01	2.30	0.005	0.5	0.01	1.39	0.005	0.060	0.044
77 11 22 9	0.01	2.30	0.005	0.5	0.01	1.39	0.005	0.058	0.046
77 11 22 10	0.01	2.30	0.005	0.5	0.01	1.39	0.005	0.060	0.046
77 11 22 11	0.01	2.30	0.005	0.5	0.01	1.39	0.005	0.062	0.048
77 11 22 12	0.01	2.30	0.005	0.5	0.01	1.37	0.005	0.062	0.050
77 11 22 13	0.01	2.30	0.005	0.5	0.01	1.37	0.005	0.064	0.050
77 11 22 14	0.01	2.10	0.005	0.5	0.01	1.31	0.005	0.064	0.050
77 11 22 15	0.01	2.10	0.005	0.5	0.01	1.31	0.005	0.066	0.050
77 11 22 16	0.01	2.21	0.005	0.5	0.01	1.33	0.005	0.068	0.052
77 11 22 17	0.01	2.31	0.005	0.5	0.01	1.39	0.005	0.070	0.044
77 11 22 18	0.01	2.31	0.005	0.5	0.01	1.39	0.005	0.066	0.040
77 11 22 19	0.01	2.41	0.005	0.5	0.01	1.43	0.005	0.062	0.042
77 11 22 20	0.01	2.31	0.005	0.5	0.01	1.41	0.005	0.064	0.042
77 11 22 21	0.01	2.41	0.005	0.5	0.01	1.43	0.005	0.064	0.026
77 11 22 22	0.01	2.41	0.005	0.5	0.01	1.45	0.005	0.064	0.026
77 11 22 23	0.01	2.41	0.005	0.5	0.01	1.46	0.005	0.062	0.022
77 11 22 24	0.01	2.41	0.005	0.5	0.01	1.46	0.005	0.060	0.018
77 11 23 1	0.01	2.41	0.005	0.5	0.01	1.46	0.005	0.060	0.018
77 11 23 2	0.01	2.41	0.005	0.5	0.01	1.46	0.005	0.060	0.016
77 11 23 3	0.01	2.41	0.005	0.5	0.01	1.44	0.005	0.058	0.032
77 11 23 4	0.01	2.51	0.005	0.5	0.01	1.48	0.005	0.056	0.036
77 11 23 5	0.01	2.51	0.005	0.5	0.01	1.46	0.005	0.056	0.038
77 11 23 6	0.01	2.52	0.005	0.5	0.01	1.48	0.005	0.062	0.048
77 11 23 7	0.01	2.42	0.005	0.5	0.01	1.46	0.005	0.062	0.044
77 11 23 8	0.01	2.52	0.005	0.5	0.01	1.48	0.005	0.062	0.034
77 11 23 9	0.01	2.52	0.005	0.5	0.01	1.50	0.005	0.062	0.042
77 11 23 10	0.01	2.42	0.005	0.5	0.01	1.48	0.005	0.064	0.050
77 11 23 11	0.01	2.42	0.005	0.5	0.01	1.48	0.005	0.066	0.052
77 11 23 12	0.01	2.42	0.005	0.5	0.01	1.48	0.005	0.068	0.052
77 11 23 13	0.01	2.42	0.005	0.5	0.01	1.46	0.005	0.068	0.052
77 11 23 14	0.01	2.42	0.005	0.5	0.01	1.46	0.005	0.068	0.052
77 11 23 15	0.01	2.42	0.005	0.5	0.01	1.46	0.005	0.070	0.052
77 11 23 16	999.99	999.99	999.999	999.9	999.99	999.99	999.999	999.999	0.054
77 11 23 17	0.01	2.42	0.005	0.5	0.01	1.48	0.005	0.070	0.042
77 11 23 18	0.01	2.42	0.005	0.5	0.01	1.48	0.005	0.070	0.032
77 11 23 19	0.01	2.42	0.005	0.5	0.01	1.49	0.005	0.070	0.032
77 11 23 20	0.01	2.52	0.005	0.5	0.01	1.49	0.005	0.072	0.036
77 11 23 21	0.01	2.43	0.005	0.5	0.01	1.49	0.005	0.072	0.038
77 11 23 22	0.01	2.43	0.005	0.5	0.01	1.49	0.005	0.070	0.036
77 11 23 23	0.01	2.43	0.005	0.5	0.01	1.49	0.005	0.070	0.034
77 11 23 24	0.01	2.43	0.005	0.5	0.01	1.49	0.005	0.064	0.026

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	11	24	1	0.01	2.43	0.005	0.5	0.01	1.47	0.005	0.062	0.026
77	11	24	2	0.01	2.43	0.005	0.5	0.01	1.49	0.005	0.062	0.024
77	11	24	3	0.01	2.43	0.005	0.5	0.01	1.49	0.005	0.062	0.028
77	11	24	4	0.01	2.43	0.005	0.5	0.01	1.47	0.005	0.062	0.032
77	11	24	5	0.01	2.43	0.005	0.5	0.01	1.45	0.005	0.066	0.032
77	11	24	6	0.01	2.43	0.005	0.5	0.01	1.47	0.005	0.066	0.032
77	11	24	7	0.01	2.33	0.005	0.5	0.01	1.45	0.005	0.066	0.040
77	11	24	8	0.01	2.33	0.005	0.5	0.01	1.43	0.005	0.068	0.050
77	11	24	9	0.01	2.33	0.005	0.5	0.01	1.43	0.005	0.068	0.052
77	11	24	10	0.01	2.33	0.005	0.5	0.01	1.43	0.005	0.066	0.050
77	11	24	11	0.01	2.33	0.005	0.5	0.01	1.41	0.005	0.064	0.050
77	11	24	12	0.01	2.34	0.005	0.5	0.01	1.41	0.005	0.066	0.050
77	11	24	13	0.01	2.24	0.005	0.5	0.01	1.41	0.005	0.064	0.050
77	11	24	14	0.01	2.24	0.005	0.5	0.01	1.39	0.005	0.064	0.050
77	11	24	15	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.064	0.050
77	11	24	16	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.064	0.048
77	11	24	17	0.01	2.24	0.005	0.5	0.01	1.38	0.005	0.062	0.038
77	11	24	18	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.060	0.040
77	11	24	19	0.01	2.34	0.005	0.5	0.01	1.42	0.005	0.060	0.036
77	11	24	20	0.01	2.34	0.005	0.5	0.01	1.42	0.005	0.058	0.036
77	11	24	21	0.01	2.34	0.005	0.5	0.01	1.42	0.005	0.054	0.028
77	11	24	22	0.01	2.34	0.005	0.5	0.01	1.42	0.005	0.052	0.030
77	11	24	23	0.01	2.34	0.005	0.5	0.01	1.44	0.005	0.054	0.030
77	11	24	24	0.01	2.34	0.005	0.5	0.01	1.44	0.005	0.054	0.030
77	11	25	1	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.050	0.022
77	11	25	2	0.01	2.24	0.005	0.5	0.01	1.40	0.005	0.048	0.022
77	11	25	3	0.01	2.25	0.005	0.5	0.01	1.40	0.005	0.046	0.018
77	11	25	4	0.01	2.25	0.005	0.5	0.01	1.40	0.005	0.046	0.016
77	11	25	5	0.01	2.35	0.005	0.5	0.01	1.40	0.005	0.044	0.014
77	11	25	6	0.01	2.35	0.005	0.5	0.01	1.40	0.005	0.044	0.012
77	11	25	7	0.01	2.25	0.005	0.5	0.01	1.40	0.005	0.042	0.012
77	11	25	8	0.01	2.25	0.005	0.5	0.01	1.42	0.005	0.042	0.018
77	11	25	9	0.01	2.35	0.005	0.5	0.01	1.42	0.005	0.042	0.024
77	11	25	10	0.01	2.35	0.005	0.5	0.01	1.40	0.005	0.042	0.032
77	11	25	11	0.01	2.35	0.005	0.5	0.01	1.41	0.005	0.044	0.034
77	11	25	12	0.01	2.35	0.005	0.5	0.01	1.41	0.005	0.044	0.034
77	11	25	13	0.01	2.35	0.005	0.5	0.01	1.41	0.005	0.044	0.032
77	11	25	14	0.01	2.35	0.005	0.5	0.01	1.41	0.005	0.044	0.032
77	11	25	15	0.01	2.35	0.005	0.5	0.01	1.41	0.005	0.044	0.032
77	11	25	16	0.01	2.25	0.005	0.5	0.01	1.41	0.005	0.046	0.032
77	11	25	17	0.01	2.25	0.005	0.5	0.01	1.37	0.005	0.048	0.024
77	11	25	18	0.01	2.16	0.005	0.5	0.01	1.39	0.005	0.048	0.022
77	11	25	19	0.01	2.26	0.005	0.5	0.01	1.39	0.005	0.048	0.020
77	11	25	20	0.01	2.26	0.005	0.5	0.01	1.41	0.005	0.048	0.018
77	11	25	21	0.01	2.26	0.005	0.5	0.01	1.41	0.005	0.046	0.018
77	11	25	22	0.01	2.26	0.005	0.5	0.01	1.41	0.005	0.046	0.016
77	11	25	23	0.01	2.26	0.005	0.5	0.01	1.41	0.005	0.044	0.022
77	11	25	24	0.01	2.26	0.005	0.5	0.01	1.41	0.005	0.046	0.022

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR MN DY HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77 11 26 1	0.01	2.26	0.005	0.5	0.01	1.41	0.005	0.044	0.020
77 11 26 2	0.01	2.26	0.005	0.5	0.01	1.41	0.005	0.046	0.014
77 11 26 3	0.01	2.26	0.005	0.5	0.01	1.41	0.005	0.046	0.012
77 11 26 4	0.01	2.26	0.005	0.5	0.01	1.41	0.005	0.046	0.024
77 11 26 5	0.01	2.36	0.005	0.5	0.01	1.41	0.005	0.048	0.032
77 11 26 6	0.01	2.36	0.005	0.5	0.01	1.41	0.005	0.048	0.028
77 11 26 7	0.01	2.26	0.005	0.5	0.01	1.42	0.005	0.046	0.026
77 11 26 8	0.01	2.26	0.005	0.5	0.01	1.42	0.005	0.046	0.032
77 11 26 9	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.048	0.036
77 11 26 10	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.048	0.038
77 11 26 11	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.048	0.038
77 11 26 12	0.01	2.27	0.005	0.5	0.01	1.40	0.005	0.050	0.040
77 11 26 13	0.01	2.27	0.005	0.5	0.01	1.40	0.005	0.050	0.040
77 11 26 14	0.01	2.27	0.005	0.5	0.01	1.40	0.005	0.050	0.040
77 11 26 15	0.01	2.27	0.005	0.5	0.01	1.40	0.005	0.054	0.042
77 11 26 16	0.01	2.17	0.005	0.5	0.01	1.40	0.005	0.058	0.046
77 11 26 17	0.01	2.27	0.005	0.5	0.01	1.40	0.005	0.060	0.048
77 11 26 18	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.062	0.048
77 11 26 19	0.01	2.27	0.005	0.5	0.01	1.42	0.005	0.060	0.046
77 11 26 20	0.01	2.27	0.005	0.5	0.01	1.38	0.005	0.060	0.046
77 11 26 21	0.01	2.27	0.005	0.5	0.01	1.38	0.005	0.060	0.036
77 11 26 22	0.01	2.27	0.005	0.5	0.01	1.38	0.005	0.058	0.030
77 11 26 23	0.01	2.27	0.005	0.5	0.01	1.40	0.005	0.058	0.026
77 11 26 24	0.01	2.28	0.005	0.5	0.01	1.40	0.005	0.056	0.026
77 11 27 1	0.01	2.28	0.005	0.5	0.01	1.38	0.005	0.056	0.026
77 11 27 2	0.01	2.28	0.005	0.5	0.01	1.38	0.005	0.056	0.026
77 11 27 3	0.01	2.18	0.005	0.5	0.01	1.39	0.005	0.054	0.026
77 11 27 4	0.01	2.18	0.005	0.5	0.01	1.39	0.005	0.060	0.024
77 11 27 5	0.01	2.18	0.005	0.5	0.01	1.39	0.005	0.060	0.028
77 11 27 6	0.01	2.28	0.005	0.5	0.01	1.39	0.005	0.062	0.026
77 11 27 7	0.01	2.18	0.005	0.5	0.01	1.39	0.005	0.058	0.022
77 11 27 8	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.058	0.024
77 11 27 9	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.058	0.026
77 11 27 10	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.060	0.044
77 11 27 11	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.060	0.046
77 11 27 12	0.01	2.18	0.005	0.5	0.01	1.35	0.005	0.060	0.046
77 11 27 13	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.058	0.044
77 11 27 14	0.01	2.18	0.005	0.5	0.01	1.37	0.005	0.058	0.042
77 11 27 15	0.01	2.19	0.005	0.5	0.01	1.35	0.005	0.058	0.044
77 11 27 16	0.01	2.19	0.005	0.5	0.01	1.35	0.005	0.058	0.044
77 11 27 17	0.01	2.19	0.005	0.5	0.01	1.35	0.005	0.056	0.028
77 11 27 18	0.01	2.19	0.005	0.5	0.01	1.35	0.005	0.056	0.020
77 11 27 19	0.01	2.19	0.005	0.5	0.01	1.37	0.005	0.056	0.034
77 11 27 20	0.01	2.19	0.005	0.5	0.01	1.37	0.005	0.052	0.028
77 11 27 21	0.01	2.19	0.005	0.5	0.01	1.37	0.005	0.048	0.028
77 11 27 22	0.01	2.19	0.005	0.5	0.01	1.39	0.005	0.050	0.026
77 11 27 23	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.056	0.022
77 11 27 24	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.054	0.020

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 5 (PPM)
77	11	28	1	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.052	0.018
77	11	28	2	0.01	2.19	0.005	0.5	0.01	1.38	0.005	0.054	0.018
77	11	28	3	0.01	2.19	0.005	0.5	0.01	1.40	0.005	0.052	0.022
77	11	28	4	0.01	2.29	0.005	0.5	0.01	1.40	0.005	0.044	0.022
77	11	28	5	0.01	2.29	0.005	0.5	0.01	1.40	0.005	0.050	0.018
77	11	28	6	0.01	2.30	0.005	0.5	0.01	1.40	0.005	0.052	0.014
77	11	28	7	0.01	2.30	0.005	0.5	0.01	1.42	0.005	0.052	0.012
77	11	28	8	0.01	2.30	0.005	0.5	0.01	1.40	0.005	0.054	0.012
77	11	28	9	0.01	2.30	0.005	0.5	0.01	1.40	0.005	0.056	0.034
77	11	28	10	0.01	2.30	0.005	0.5	0.01	1.40	0.005	0.060	0.036
77	11	28	11	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.062	0.048
77	11	28	12	0.01	2.30	0.005	0.5	0.01	1.40	0.005	0.060	0.050
77	11	28	13	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.060	0.050
77	11	28	14	0.01	2.20	0.005	0.5	0.01	1.40	0.005	0.060	0.048
77	11	28	15	0.01	999.99	0.005	999.9	0.01	999.99	0.005	0.060	0.046
77	11	28	16	0.01	999.99	0.005	999.9	0.01	999.99	0.005	0.062	0.044
77	11	28	17	0.01	999.99	0.005	0.5	0.01	1.40	0.005	0.060	0.030
77	11	28	18	0.01	999.99	0.005	0.5	0.01	1.40	0.005	0.056	0.016
77	11	28	19	0.01	999.99	0.005	0.5	0.01	1.43	0.005	0.056	0.020
77	11	28	20	0.01	999.99	0.005	0.5	0.01	1.45	0.005	0.056	0.026
77	11	28	21	0.01	999.99	0.005	0.5	0.01	1.45	0.005	0.054	0.026
77	11	28	22	0.01	999.99	0.005	0.5	0.01	1.45	0.005	0.056	0.024
77	11	28	23	0.01	999.99	0.005	0.5	0.01	1.45	0.005	0.056	0.028
77	11	28	24	0.01	999.99	0.005	0.5	0.01	1.47	0.005	0.054	0.030
77	11	29	1	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.054	0.030
77	11	29	2	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.056	0.030
77	11	29	3	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.058	0.028
77	11	29	4	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.056	0.028
77	11	29	5	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.056	0.026
77	11	29	6	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.060	0.026
77	11	29	7	0.01	2.31	0.005	0.5	0.01	1.43	0.005	0.058	0.026
77	11	29	8	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.058	0.026
77	11	29	9	0.01	2.31	0.005	0.5	0.01	1.45	0.005	0.058	0.034
77	11	29	10	0.01	2.31	0.005	0.5	0.01	1.43	0.005	0.060	0.034
77	11	29	11	0.01	2.31	0.005	0.5	0.01	1.43	0.005	0.052	0.036
77	11	29	12	0.01	999.99	0.005	999.9	0.01	999.99	0.005	999.999	0.036
77	11	29	13	0.01	999.99	0.005	999.9	0.01	999.99	0.005	999.999	0.046
77	11	29	14	0.01	2.32	0.005	999.9	0.01	1.43	0.005	999.999	0.048
77	11	29	15	0.01	2.32	999.999	999.9	0.01	1.42	999.999	999.999	0.046
77	11	29	16	0.01	2.22	999.999	999.9	0.01	1.40	999.999	999.999	0.044
77	11	29	17	0.01	2.22	0.005	999.9	0.01	1.40	0.005	999.999	999.999
77	11	29	18	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.058	0.028
77	11	29	19	0.01	2.32	0.005	0.5	0.01	1.40	0.005	0.048	0.038
77	11	29	20	0.01	2.32	0.005	0.5	0.01	1.40	0.005	0.046	0.024
77	11	29	21	0.01	2.32	0.005	0.5	0.01	1.40	0.005	0.052	0.020
77	11	29	22	0.01	2.32	0.005	0.5	0.01	1.42	0.005	0.054	0.016
77	11	29	23	0.01	2.22	0.005	0.5	0.01	1.40	0.005	0.054	0.018
77	11	29	24	0.01	2.32	0.005	0.5	0.01	1.42	0.005	0.056	0.024

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

DATA LISTING FOR RIO BLANCO
RIO BLANCO OIL SHALE PROJECT

YR	MN	DY	HR	SULFUR DIOXIDE (PPM)	TOTAL HYDRO-CARBONS (PPM)	NITRIC OXIDE (PPM)	CARBON MONOXIDE (PPM)	HYDROGEN SULFIDE (PPM)	METHANE (PPM)	NITROGEN OXIDES (PPM)	OZONE TOWER 1 (PPM)	OZONE TOWER 3 (PPM)
77	11	30	1	0.01	2.32	0.005	0.5	0.01	1.42	0.005	0.054	0.018
77	11	30	2	0.01	2.32	0.005	0.5	0.01	1.44	0.005	0.056	0.020
77	11	30	3	0.01	2.33	0.005	0.5	0.01	1.44	0.005	0.054	0.024
77	11	30	4	0.01	2.33	0.005	0.5	0.01	1.44	0.005	0.054	0.030
77	11	30	5	0.01	2.33	0.005	0.5	0.01	1.44	0.005	0.052	0.022
77	11	30	6	0.01	2.33	0.005	0.5	0.01	1.44	0.005	0.058	0.020
77	11	30	7	0.01	2.33	0.005	0.5	0.01	1.44	0.005	0.056	0.024
77	11	30	8	0.01	2.33	0.005	0.5	0.01	1.44	0.005	0.054	0.024
77	11	30	9	0.01	2.33	0.005	0.5	0.01	1.44	0.005	0.054	0.028
77	11	30	10	0.01	2.33	0.005	0.5	0.01	1.44	0.005	0.050	0.042
77	11	30	11	0.01	2.33	0.005	0.5	0.01	1.47	0.005	0.054	0.044
77	11	30	12	0.01	2.33	0.005	0.5	0.01	1.47	0.005	0.066	0.052
77	11	30	13	0.01	2.33	0.005	0.5	0.01	1.47	0.005	0.066	0.052
77	11	30	14	0.01	2.33	0.005	0.5	0.01	1.49	0.005	0.068	0.052
77	11	30	15	0.01	2.43	0.005	0.5	999.99	1.51	0.005	0.066	0.050
77	11	30	16	0.01	2.43	0.005	0.5	999.99	1.51	0.005	0.064	0.050
77	11	30	17	0.01	2.43	0.005	0.5	999.99	1.51	0.005	0.064	0.040
77	11	30	18	0.01	2.54	0.005	0.5	999.99	1.51	0.005	0.064	0.028
77	11	30	19	0.01	2.54	0.005	0.5	999.99	1.51	0.005	0.066	0.042
77	11	30	20	0.01	2.44	0.005	0.5	999.99	1.51	0.005	0.066	0.046
77	11	30	21	0.01	2.44	0.005	0.5	999.99	1.51	0.005	0.066	0.042
77	11	30	22	0.01	2.54	0.005	0.5	999.99	1.53	0.005	0.066	0.046
77	11	30	23	0.01	2.44	0.005	0.5	999.99	1.51	0.005	0.064	0.038
77	11	30	24	0.01	2.54	0.005	0.5	999.99	1.53	0.005	0.062	0.032

APPENDIX 2-1.2
PARTICULATE DATA - SITES 1 & 3

APPENDIX 2-1.2

RBOSC PARTICULATE DATA

Date	Site 1 (ground)	Site 1 (elevated)	Date	Site 3
8 - 31	14.3	13.6		
9 - 03	11.4	10.8		
9 - 06	18.7	16.6		
9 - 09	25.3	25.0		
9 - 12	13.7	14.2		
9 - 18	17.0	15.0		
9 - 24	19.8	18.6		
9 - 30		10.1		
10 - 12		5.9	10 - 14	43.2
10 - 18		15.2	10 - 20	16.2
10 - 24		10.1	10 - 26	60.7
10 - 30		4.3	11 - 01	39.7
11 - 05		3.8	11 - 07	14.1
11 - 11		3.0	11 - 13	38.3
11 - 17		10.4	11 - 19	16.0
max. value	25.3	25.0		60.7
min. value	11.4	3.0		14.1
geo. mean	16.7	10.1		28.3
geo. std. des.	1.28	1.82		1.73

units in micrograms per cubic meter

APPENDIX 2-2
RBOSC METEOROLOGY DATA

APPENDIX 2-2*

RBOSC METEOROLOGY DATA

*Missing data indicated by 999

APPENDIX 2-2.1
SITE 1 METEOROLOGY DATA

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	9	1	1	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	2	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	3	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	4	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	5	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	6	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	7	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	8	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	9	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	10	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	11	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	12	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	13	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	14	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	15	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	16	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	17	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	18	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	19	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	20	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	21	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	22	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	23	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	1	24	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	2	1	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	2	2	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	2	3	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	2	4	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	2	5	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	2	6	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	2	7	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	2	8	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	2	9	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	2	10	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	2	11	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	2	12	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	2	13	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	2	14	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	2	15	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	2	16	7.2	240	8.4	240	9.8	237	24.0	24.0	23.4	15	-0.5	999.99	0.23	RB 1
77	9	2	17	6.6	244	7.6	245	8.7	239	24.4	24.5	23.7	14	-0.6	999.99	0.30	RB 1
77	9	2	18	4.9	228	6.0	226	7.7	223	23.6	23.9	23.4	14	-0.2	999.99	0.11	RB 1
77	9	2	19	7.9	253	8.7	246	10.3	233	22.2	22.8	22.8	15	0.6	999.99	0.01	RB 1
77	9	2	20	8.8	266	10.2	258	13.0	239	20.9	21.5	21.5	16	0.6	999.99	0.01	RB 1
77	9	2	21	8.4	255	8.6	239	14.6	224	20.3	20.6	20.8	16	0.5	999.99	0.01	RB 1
77	9	2	22	6.8	244	8.5	233	15.2	223	19.9	20.1	20.2	16	0.3	999.99	0.01	RB 1
77	9	2	23	7.3	248	8.7	234	15.0	222	19.5	19.8	19.7	16	0.2	999.99	0.01	RB 1
77	9	2	24	6.7	244	8.2	236	14.6	222	19.2	19.4	19.4	17	0.2	999.99	0.01	RB 1
77	9	3	1	8.8	249	9.6	236	15.8	224	19.0	19.2	19.0	17	0.0	999.99	0.01	RB 1

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
				SPEED	DIRECT	SPEED	DIRECT	SPEED	DIRECT	10 M	30 M	60 M	HUMID	T		RAD	SITE
YR	MN	DY	HR	(MPH)	(DEGS)	(MPH)	(DEGS)	(MPH)	(DEGS)	(C)	(C)	(C)	(%)	(C)	(INCH)	(LANG)	
77	9	3	2	12.9	258	13.5	249	17.7	235	18.5	18.8	18.4	17	-0.1	999.99	0.01	RB 1
77	9	3	3	13.2	249	17.4	252	21.3	250	17.9	18.5	18.3	17	0.3	999.99	0.01	RB 1
77	9	3	4	7.4	195	9.8	199	12.8	199	17.0	17.5	17.3	18	0.3	999.99	0.01	RB 1
77	9	3	5	2.6	113	3.0	122	2.8	165	16.2	16.3	16.5	20	0.3	999.99	0.01	RB 1
77	9	3	6	2.9	214	3.5	213	4.6	297	15.8	16.0	16.1	20	0.3	999.99	0.03	RB 1
77	9	3	7	3.9	122	4.5	139	4.9	159	16.8	17.4	16.7	19	-0.1	999.99	0.24	RB 1
77	9	3	8	8.7	217	10.5	221	12.2	224	19.0	18.9	18.0	17	-1.0	999.99	0.57	RB 1
77	9	3	9	10.0	246	11.4	246	12.9	238	19.4	19.2	18.5	17	-0.9	999.99	0.72	RB 1
77	9	3	10	8.5	238	9.6	235	10.5	231	20.7	20.4	19.6	16	-1.0	999.99	1.01	RB 1
77	9	3	11	8.0	252	8.9	255	9.7	255	20.9	20.8	20.0	15	-0.9	999.99	0.83	RB 1
77	9	3	12	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	3	13	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	3	14	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	3	15	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	3	16	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	3	17	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	3	18	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	3	19	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	3	20	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	3	21	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	3	22	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	3	23	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	3	24	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	4	1	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	4	2	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	4	3	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	4	4	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	4	5	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	4	6	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	4	7	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	4	8	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	4	9	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	4	10	4.4	85	4.4	97	999.9	79	18.8	19.4	18.1	15	-0.7	999.99	1.06	RB 1
77	9	4	11	4.6	90	4.9	86	999.9	85	19.6	19.8	18.9	14	-0.8	999.99	1.16	RB 1
77	9	4	12	5.9	11	6.3	13	999.9	13	21.0	21.0	20.1	15	-0.9	999.99	1.27	RB 1
77	9	4	13	6.3	59	6.9	59	999.9	54	21.6	21.5	20.6	14	-0.9	999.99	1.08	RB 1
77	9	4	14	6.9	36	7.3	37	999.9	37	22.0	21.9	21.2	14	-0.9	999.99	999.98	RB 1
77	9	4	15	6.3	21	7.1	22	999.9	20	22.6	22.5	21.6	14	-0.9	999.99	999.91	RB 1
77	9	4	16	5.4	23	6.0	15	999.9	0	22.8	23.0	22.1	14	-0.7	999.99	0.67	RB 1
77	9	4	17	3.3	321	3.1	320	999.9	298	22.3	22.6	21.9	14	-0.4	999.99	0.25	RB 1
77	9	4	18	4.4	337	5.2	352	5.5	359	21.8	22.5	21.8	15	-0.0	999.99	0.11	RB 1
77	9	4	19	5.8	291	5.6	317	5.9	349	20.4	20.7	20.9	16	0.6	999.99	0.01	RB 1
77	9	4	20	6.3	291	6.2	314	6.5	344	19.8	20.1	20.5	16	0.7	999.99	0.01	RB 1
77	9	4	21	6.4	293	6.6	317	7.4	346	19.1	19.9	20.3	17	1.1	999.99	0.01	RB 1
77	9	4	22	6.0	290	6.0	317	6.4	356	19.0	19.6	20.1	17	1.1	999.99	0.01	RB 1
77	9	4	23	4.4	284	3.9	311	3.5	350	19.3	19.6	19.9	17	0.5	999.99	0.01	RB 1
77	9	4	24	2.0	253	1.6	293	2.2	108	19.3	17.3	19.7	17	0.4	999.99	0.01	RB 1
77	9	5	1	3.8	282	3.2	297	1.7	296	19.1	19.0	19.5	17	0.3	999.99	0.01	RB 1
77	9	5	2	2.4	311	2.7	306	1.9	350	18.2	18.2	18.8	17	0.6	999.99	0.01	RB 1

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	9	5	3	2.6	269	1.7	262	1.6	139	17.8	15.9	18.2	18	0.4	999.99	0.01	RB 1
77	9	5	4	2.5	219	2.1	255	1.8	261	17.7	16.9	18.1	18	0.4	999.99	0.01	RB 1
77	9	5	5	4.9	243	4.6	249	4.7	236	17.3	17.5	17.8	18	0.5	999.99	0.01	RB 1
77	9	5	6	3.5	248	3.7	285	5.0	269	15.5	16.9	16.8	18	1.3	999.99	0.05	RB 1
77	9	5	7	3.2	135	3.1	326	2.9	196	16.8	18.3	17.1	17	0.3	999.99	0.25	RB 1
77	9	5	8	2.6	64	2.3	70	2.1	90	17.9	19.6	17.6	16	-0.3	999.99	0.53	RB 1
77	9	5	9	4.1	65	4.3	71	4.5	76	19.9	20.8	19.3	14	-0.6	999.99	0.80	RB 1
77	9	5	10	5.1	58	5.4	64	5.5	63	21.9	22.1	21.2	14	-0.7	999.99	1.03	RB 1
77	9	5	11	5.4	332	6.0	331	6.5	330	22.8	22.7	22.0	14	-0.8	999.99	0.81	RB 1
77	9	5	12	8.6	302	9.6	309	9.9	307	23.4	22.9	22.3	14	-1.1	999.99	1.19	RB 1
77	9	5	13	8.4	297	9.3	298	9.8	294	24.1	23.5	23.0	14	-1.1	999.99	1.31	RB 1
77	9	5	14	8.3	314	9.0	312	9.1	302	24.5	24.1	23.5	14	-1.0	999.99	1.04	RB 1
77	9	5	15	8.1	291	9.0	293	9.6	292	24.7	24.3	23.7	14	-1.0	999.99	0.92	RB 1
77	9	5	16	7.8	272	8.7	276	9.3	277	24.7	24.6	23.9	14	-0.8	999.99	0.68	RB 1
77	9	5	17	9.1	274	10.5	277	11.1	274	24.5	24.5	23.8	14	-0.7	999.99	0.39	RB 1
77	9	5	18	6.2	281	7.5	290	8.3	289	23.4	24.3	23.4	14	-0.0	999.99	0.11	RB 1
77	9	5	19	8.7	288	9.9	313	10.6	326	20.9	22.1	22.6	16	1.7	999.99	0.01	RB 1
77	9	5	20	8.2	285	8.5	307	8.8	313	20.9	22.2	22.5	16	1.5	999.99	0.00	RB 1
77	9	5	21	8.6	282	8.6	303	8.3	319	21.5	22.3	22.6	16	1.2	999.99	0.00	RB 1
77	9	5	22	7.9	283	8.0	306	8.0	323	21.4	22.2	22.4	16	1.0	999.99	0.00	RB 1
77	9	5	23	5.2	272	5.4	303	5.1	321	21.2	21.8	22.1	16	0.9	999.99	0.00	RB 1
77	9	5	24	2.8	267	2.0	302	2.4	335	21.1	19.6	21.6	16	0.5	999.99	0.01	RB 1
77	9	6	1	2.4	234	1.7	251	1.9	209	21.5	19.2	21.6	16	0.1	999.99	0.01	RB 1
77	9	6	2	2.5	233	2.0	247	2.0	211	21.5	19.8	21.5	16	0.0	999.99	0.00	RB 1
77	9	6	3	3.8	302	3.2	313	2.7	302	20.0	19.8	20.7	16	0.8	999.99	0.01	RB 1
77	9	6	4	1.6	247	1.8	62	2.8	46	17.5	16.0	18.4	18	0.8	999.99	0.01	RB 1
77	9	6	5	3.6	296	3.1	325	3.3	337	17.1	16.9	17.9	18	0.8	999.99	0.00	RB 1
77	9	6	6	3.0	293	2.1	328	3.0	24	17.9	17.7	18.7	17	0.7	999.99	0.04	RB 1
77	9	6	7	2.0	358	1.4	29	1.6	67	18.5	20.2	18.6	17	0.1	999.99	0.25	RB 1
77	9	6	8	3.2	65	3.1	75	2.9	99	19.5	20.5	19.1	15	-0.4	999.99	0.53	RB 1
77	9	6	9	4.1	76	4.4	80	4.7	84	21.6	22.0	21.0	14	-0.6	999.99	0.80	RB 1
77	9	6	10	4.8	90	5.2	95	5.8	106	23.4	23.5	22.6	13	-0.7	999.99	1.02	RB 1
77	9	6	11	7.1	52	7.9	56	8.2	53	24.6	24.4	23.7	13	-0.9	999.99	1.07	RB 1
77	9	6	12	8.3	314	9.1	316	9.4	310	24.7	24.4	23.8	14	-0.9	999.99	0.87	RB 1
77	9	6	13	7.1	308	7.8	315	8.0	315	25.1	24.7	24.2	14	-0.9	999.99	0.67	RB 1
77	9	6	14	6.7	307	7.3	310	7.3	310	25.9	25.7	25.0	13	-0.9	999.99	1.06	RB 1
77	9	6	15	8.7	349	9.6	350	10.0	347	26.2	25.8	25.1	13	-1.0	999.99	0.96	RB 1
77	9	6	16	9.8	323	11.1	327	11.8	324	25.9	25.6	25.0	14	-0.9	999.99	0.67	RB 1
77	9	6	17	9.0	313	10.2	315	10.8	311	25.6	25.5	24.9	14	-0.7	999.99	0.37	RB 1
77	9	6	18	7.4	303	9.2	311	10.0	312	24.4	24.9	24.4	14	0.1	999.99	0.11	RB 1
77	9	6	19	6.0	260	5.9	273	6.1	275	23.7	24.2	24.2	15	0.5	999.99	0.01	RB 1
77	9	6	20	5.1	250	4.0	255	3.8	250	24.2	24.0	24.2	15	0.0	999.99	0.00	RB 1
77	9	6	21	5.1	220	4.6	217	4.4	203	23.5	23.8	23.9	15	0.3	999.99	0.00	RB 1
77	9	6	22	5.7	220	5.5	212	5.2	195	23.2	23.6	23.5	15	0.3	999.99	0.00	RB 1
77	9	6	23	8.4	241	8.7	236	8.7	221	22.6	23.1	23.3	15	0.6	999.99	0.00	RB 1
77	9	6	24	11.0	248	13.8	258	15.4	259	21.7	23.1	23.3	16	1.5	999.99	0.00	RB 1
77	9	7	1	11.4	247	14.2	261	16.2	265	21.5	23.0	23.1	16	1.6	999.99	0.00	RB 1
77	9	7	2	3.7	165	4.6	345	5.7	342	19.7	19.8	20.3	16	0.6	999.99	0.00	RB 1
77	9	7	3	3.7	272	3.3	308	3.1	351	20.0	19.8	20.7	17	0.6	999.99	0.00	RB 1

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	9	7	4	3.2	241	2.3	262	2.4	266	20.9	19.8	21.0	16	0.1	999.99	0.00	RB 1
77	9	7	5	3.5	269	3.2	292	2.7	299	20.9	20.4	21.2	16	0.5	999.99	0.00	RB 1
77	9	7	6	2.8	292	2.3	316	1.9	19	20.5	19.9	20.8	16	0.5	999.99	0.04	RB 1
77	9	7	7	2.1	189	1.6	97	1.8	115	20.6	21.9	20.8	16	0.1	999.99	0.24	RB 1
77	9	7	8	3.9	70	3.7	80	3.5	112	21.6	22.5	21.5	15	-0.5	999.99	0.52	RB 1
77	9	7	9	4.8	74	4.9	79	5.1	86	22.3	22.6	21.8	14	-0.5	999.99	0.79	RB 1
77	9	7	10	6.1	65	6.6	68	6.9	69	24.0	23.9	23.2	13	-0.8	999.99	1.01	RB 1
77	9	7	11	7.9	283	8.6	285	9.2	277	25.9	25.6	24.9	13	-1.0	999.99	1.16	RB 1
77	9	7	12	9.5	266	10.8	272	12.0	272	26.3	25.7	25.2	13	-1.1	999.99	1.25	RB 1
77	9	7	13	11.5	295	13.0	296	14.0	293	26.5	25.8	25.2	13	-1.3	999.99	1.21	RB 1
77	9	7	14	10.6	282	12.2	286	13.0	283	26.3	26.0	25.3	13	-1.1	999.99	1.11	RB 1
77	9	7	15	7.1	273	8.3	275	9.0	268	26.8	26.7	25.7	13	-1.0	999.99	0.93	RB 1
77	9	7	16	6.5	285	6.9	290	7.3	269	26.9	27.2	26.1	13	-0.9	999.99	0.67	RB 1
77	9	7	17	7.2	249	8.2	250	9.1	247	26.4	26.5	25.7	13	-0.7	999.99	0.32	RB 1
77	9	7	18	4.5	226	5.9	223	9.3	221	25.2	25.5	25.0	14	-0.2	999.99	0.09	RB 1
77	9	7	19	4.7	235	7.4	221	15.1	213	22.2	23.4	22.8	15	0.5	999.99	0.00	RB 1
77	9	7	20	6.9	224	10.5	216	17.7	210	22.7	23.0	23.2	15	0.5	999.99	0.00	RB 1
77	9	7	21	6.6	220	10.0	217	16.5	208	22.3	22.7	22.9	15	0.6	999.99	0.00	RB 1
77	9	7	22	5.9	223	8.8	218	15.4	211	22.2	22.5	22.6	15	0.5	999.99	0.00	RB 1
77	9	7	23	7.4	261	8.6	251	12.3	235	22.0	22.4	22.4	15	0.4	999.99	0.00	RB 1
77	9	7	24	8.6	255	9.9	263	10.6	264	22.3	23.0	22.9	15	0.6	999.99	0.00	RB 1
77	9	8	1	7.6	251	9.3	242	12.6	231	21.3	22.0	22.3	16	1.0	999.99	0.00	RB 1
77	9	8	2	6.2	212	8.2	225	13.7	222	20.8	21.1	21.2	16	0.4	999.99	0.00	RB 1
77	9	8	3	9.7	254	11.1	247	14.3	238	21.2	21.5	21.4	16	0.2	999.99	0.00	RB 1
77	9	8	4	9.8	248	12.5	250	15.3	246	20.9	21.4	21.3	16	0.4	999.99	0.00	RB 1
77	9	8	5	7.4	259	8.3	260	11.4	230	19.6	19.9	19.9	16	0.2	999.99	0.00	RB 1
77	9	8	6	10.2	248	12.8	247	16.3	242	20.5	20.9	20.6	16	0.1	999.99	0.03	RB 1
77	9	8	7	12.8	248	15.4	247	19.0	245	21.2	21.4	21.0	16	-0.3	999.99	0.14	RB 1
77	9	8	8	11.8	247	13.6	250	16.0	249	21.8	21.7	21.1	15	-0.6	999.99	0.49	RB 1
77	9	8	9	15.4	249	17.4	250	19.9	249	22.8	22.3	22.0	15	-0.8	999.99	0.83	RB 1
77	9	8	10	21.0	259	24.7	262	27.1	262	24.0	23.0	22.9	15	-1.1	999.99	1.02	RB 1
77	9	8	11	22.8	268	26.5	272	28.8	270	24.3	23.2	23.1	14	-1.2	999.99	1.16	RB 1
77	9	8	12	22.1	287	25.8	289	27.6	286	24.7	23.5	23.2	14	-1.4	999.99	1.22	RB 1
77	9	8	13	18.7	283	22.3	287	24.0	284	25.3	24.2	23.9	14	-1.4	999.99	1.17	RB 1
77	9	8	14	18.5	276	21.2	279	23.0	276	25.5	24.5	24.3	14	-1.3	999.99	1.09	RB 1
77	9	8	15	18.5	288	21.6	290	23.4	287	25.2	24.4	23.9	14	-1.3	999.99	0.90	RB 1
77	9	8	16	17.1	294	20.1	296	21.6	293	24.8	24.3	23.8	14	-0.9	999.99	0.65	RB 1
77	9	8	17	17.7	299	21.1	301	22.9	298	23.9	23.7	23.2	15	-0.6	999.99	0.31	RB 1
77	9	8	18	15.7	297	19.0	300	20.7	297	22.6	22.8	22.3	15	-0.3	999.99	0.10	RB 1
77	9	8	19	15.1	295	19.1	298	22.2	296	21.1	21.5	21.2	16	0.1	999.99	0.00	RB 1
77	9	8	20	10.6	294	14.3	300	16.6	299	19.7	20.3	20.1	16	0.4	999.99	0.00	RB 1
77	9	8	21	3.6	301	4.4	322	5.9	318	18.1	18.3	18.8	17	0.7	999.99	0.00	RB 1
77	9	8	22	5.7	348	7.7	11	10.1	21	16.1	16.6	16.8	18	0.6	999.99	0.00	RB 1
77	9	8	23	4.9	302	5.7	340	7.9	13	15.1	15.4	15.8	18	0.7	999.99	0.00	RB 1
77	9	8	24	3.5	275	3.2	317	4.2	20	15.4	14.9	15.6	18	0.2	999.99	0.00	RB 1
77	9	9	1	1.9	234	1.8	353	2.9	31	15.2	13.1	15.4	19	0.1	999.99	0.00	RB 1
77	9	9	2	4.2	307	4.1	340	4.8	8	14.2	14.2	14.6	19	0.4	999.99	0.00	RB 1
77	9	9	3	3.4	298	3.9	326	4.5	352	13.5	13.5	13.8	19	0.3	999.99	0.00	RB 1
77	9	9	4	2.1	306	2.4	27	3.0	40	13.0	11.9	13.0	20	-0.0	999.99	0.00	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	9	9	5	2.6	242	2.2	107	2.7	119	12.1	11.1	12.2	20	0.0	999.99	0.00	RB 1
77	9	9	6	3.1	252	2.7	265	2.2	270	12.5	11.9	12.4	19	-0.1	999.99	0.02	RB 1
77	9	9	7	3.2	317	3.1	335	2.7	338	12.8	13.0	12.6	19	-0.2	999.99	0.20	RB 1
77	9	9	8	2.7	46	2.8	54	2.8	62	14.3	14.9	13.8	18	-0.5	999.99	0.42	RB 1
77	9	9	9	3.8	130	3.8	165	3.2	204	16.4	16.7	15.8	17	-0.6	999.99	0.57	RB 1
77	9	9	10	5.3	171	6.0	187	6.4	193	18.5	18.6	17.7	16	-0.8	999.99	0.79	RB 1
77	9	9	11	11.6	255	12.9	255	13.6	252	20.0	19.6	19.2	16	-0.8	999.99	0.87	RB 1
77	9	9	12	13.2	285	14.9	287	15.5	283	21.4	20.7	20.3	15	-1.2	999.99	1.24	RB 1
77	9	9	13	10.7	289	11.8	290	12.6	284	22.3	21.6	21.1	15	-1.2	999.99	1.20	RB 1
77	9	9	14	12.2	273	14.0	277	15.2	274	22.8	22.2	21.7	15	-1.1	999.99	1.08	RB 1
77	9	9	15	12.4	297	14.0	298	15.0	296	22.9	22.4	21.9	15	-1.0	999.99	0.89	RB 1
77	9	9	16	14.0	295	16.2	297	17.2	294	23.0	22.6	22.1	15	-0.9	999.99	0.64	RB 1
77	9	9	17	11.1	303	12.9	303	13.9	301	22.7	22.6	22.0	15	-0.7	999.99	0.34	RB 1
77	9	9	18	9.8	306	12.4	310	14.1	308	21.3	21.7	21.3	15	-0.0	999.99	0.09	RB 1
77	9	9	19	10.6	288	13.3	303	15.1	305	19.5	21.1	21.1	16	1.6	999.99	0.00	RB 1
77	9	9	20	10.0	281	11.4	297	12.2	296	20.0	21.3	21.1	16	1.1	999.99	0.00	RB 1
77	9	9	21	9.2	279	10.6	298	11.8	304	19.4	20.4	20.4	16	1.0	999.99	0.00	RB 1
77	9	9	22	6.1	285	6.9	308	8.1	330	17.6	17.9	17.9	17	0.3	999.99	0.00	RB 1
77	9	9	23	4.8	294	5.1	321	6.2	352	17.2	17.3	17.4	17	0.3	999.99	0.00	RB 1
77	9	9	24	4.3	276	3.7	296	2.4	323	17.3	17.1	17.5	18	0.2	999.99	0.00	RB 1
77	9	10	1	3.3	249	2.5	245	2.0	214	17.6	16.4	17.5	18	-0.1	999.99	0.00	RB 1
77	9	10	2	3.6	214	3.2	201	2.9	179	17.2	16.9	17.5	18	0.3	999.99	0.00	RB 1
77	9	10	3	4.5	219	3.9	210	3.5	194	17.1	16.6	17.4	18	0.3	999.99	0.00	RB 1
77	9	10	4	8.1	245	9.5	248	9.6	243	17.3	18.3	18.4	17	1.1	999.99	0.00	RB 1
77	9	10	5	9.3	289	12.0	292	14.4	289	17.2	17.6	17.8	17	0.6	999.99	0.00	RB 1
77	9	10	6	5.6	271	7.6	282	8.8	295	14.0	16.6	14.9	18	0.9	999.99	0.02	RB 1
77	9	10	7	3.2	202	3.1	216	3.5	190	14.5	17.1	14.8	18	0.2	999.99	0.22	RB 1
77	9	10	8	5.1	130	5.8	136	6.3	139	16.0	18.1	15.5	16	-0.5	999.99	0.47	RB 1
77	9	10	9	6.2	81	6.7	85	6.7	87	17.7	19.7	17.0	15	-0.7	999.99	0.79	RB 1
77	9	10	10	6.8	71	7.6	76	8.4	82	18.7	20.5	17.9	15	-0.8	999.99	0.82	RB 1
77	9	10	11	5.9	108	6.4	115	6.6	120	19.9	21.7	19.0	15	-0.8	999.99	0.89	RB 1
77	9	10	12	9.0	244	10.5	245	11.1	240	21.2	22.5	20.1	14	-1.1	999.99	1.00	RB 1
77	9	10	13	9.3	269	10.6	270	11.3	265	20.8	22.4	20.0	15	-0.8	999.99	0.58	RB 1
77	9	10	14	9.7	267	11.3	270	12.4	266	20.9	22.4	20.1	15	-0.8	999.99	0.47	RB 1
77	9	10	15	10.6	237	12.2	237	14.4	234	21.1	22.6	20.1	15	-1.0	999.99	0.64	RB 1
77	9	10	16	13.0	262	15.3	262	16.6	259	19.8	21.4	19.1	15	-0.7	999.99	0.23	RB 1
77	9	10	17	14.0	297	16.5	301	18.3	299	18.0	19.8	17.5	16	-0.5	999.99	0.11	RB 1
77	9	10	18	7.9	275	9.7	282	10.7	281	17.4	19.5	17.5	16	0.1	999.99	0.04	RB 1
77	9	10	19	8.5	221	10.4	228	15.0	229	16.7	18.6	16.5	17	-0.2	999.99	0.00	RB 1
77	9	10	20	7.5	228	9.0	232	12.3	225	15.7	17.7	15.5	17	-0.2	999.99	0.00	RB 1
77	9	10	21	8.3	235	9.7	252	14.8	228	15.4	17.3	15.3	17	-0.1	999.99	0.00	RB 1
77	9	10	22	6.6	244	7.3	239	9.5	226	15.5	16.7	15.4	18	-0.1	999.99	0.00	RB 1
77	9	10	23	6.9	204	8.8	214	12.6	215	16.6	16.8	16.4	18	-0.2	999.99	0.00	RB 1
77	9	10	24	7.9	203	10.5	212	14.7	211	16.2	16.4	16.0	18	-0.2	999.99	0.00	RB 1
77	9	11	1	9.3	196	12.5	202	15.3	206	15.7	15.8	15.5	19	-0.4	999.99	0.00	RB 1
77	9	11	2	8.3	218	10.3	221	15.4	222	14.4	14.3	14.4	24	0.1	999.99	0.00	RB 1
77	9	11	3	7.2	189	9.9	192	11.9	189	11.9	12.3	12.1	42	0.1	999.99	0.00	RB 1
77	9	11	4	4.8	183	7.1	188	8.8	185	11.5	11.9	11.7	46	0.2	999.99	0.00	RB 1
77	9	11	5	4.2	198	6.4	197	8.8	197	11.2	11.6	11.4	50	0.2	999.99	0.00	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	9	11	6	7.9	192	10.6	201	13.8	205	10.6	10.7	10.8	55	0.2	999.99	0.01	RB 1
77	9	11	7	6.8	192	9.7	196	11.3	192	10.8	11.3	11.3	49	0.4	999.99	0.04	RB 1
77	9	11	8	5.2	171	6.6	176	7.7	177	10.7	10.9	10.4	51	-0.3	999.99	0.19	RB 1
77	9	11	9	4.8	158	5.8	161	6.5	158	11.9	12.1	11.3	42	-0.5	999.99	0.46	RB 1
77	9	11	10	5.3	90	5.7	98	6.1	102	13.6	13.8	12.9	27	-0.7	999.99	0.56	RB 1
77	9	11	11	9.2	336	10.9	342	11.6	341	12.0	11.7	11.6	49	-0.4	999.99	0.11	RB 1
77	9	11	12	3.9	61	4.3	69	4.3	74	11.2	11.2	10.8	57	-0.4	999.99	0.14	RB 1
77	9	11	13	3.5	78	3.9	79	4.1	76	10.5	10.7	10.1	57	-0.5	999.99	0.11	RB 1
77	9	11	14	3.9	328	4.5	330	5.2	330	10.0	10.0	9.6	64	-0.4	999.99	0.06	RB 1
77	9	11	15	4.0	50	4.4	54	4.7	55	10.1	10.2	9.6	62	-0.5	999.99	0.20	RB 1
77	9	11	16	5.3	172	6.1	174	6.2	174	10.6	10.8	10.0	56	-0.6	999.99	0.38	RB 1
77	9	11	17	2.9	171	3.5	178	3.8	178	11.2	11.4	10.8	54	-0.5	999.99	0.10	RB 1
77	9	11	18	2.8	215	3.7	236	5.0	243	11.3	11.4	11.0	54	-0.4	999.99	0.03	RB 1
77	9	11	19	4.2	299	4.9	305	5.5	302	11.1	11.4	10.9	53	-0.2	999.99	0.00	RB 1
77	9	11	20	2.9	236	3.8	255	4.7	260	10.9	11.1	10.7	56	-0.2	999.99	0.00	RB 1
77	9	11	21	4.2	198	5.7	198	6.5	204	10.5	10.9	10.5	58	-0.0	999.99	0.00	RB 1
77	9	11	22	4.7	292	5.4	304	6.0	297	10.0	10.5	10.4	60	0.4	999.99	0.00	RB 1
77	9	11	23	4.1	299	4.6	312	5.3	292	10.2	10.4	10.4	55	0.2	999.99	0.00	RB 1
77	9	11	24	3.1	211	3.4	225	3.5	229	10.2	10.1	10.2	59	0.0	999.99	0.00	RB 1
77	9	12	1	4.8	224	5.0	225	4.8	224	10.2	10.5	10.2	57	0.0	999.99	0.00	RB 1
77	9	12	2	6.4	223	8.2	232	9.5	238	10.0	10.5	10.4	56	0.4	999.99	0.00	RB 1
77	9	12	3	6.0	240	6.5	239	6.7	236	10.5	10.9	10.7	50	0.2	999.99	0.00	RB 1
77	9	12	4	3.6	249	3.1	246	3.2	225	10.4	10.4	10.6	49	0.2	999.99	0.00	RB 1
77	9	12	5	5.2	262	5.3	267	5.0	268	10.3	10.6	10.5	47	0.2	999.99	0.00	RB 1
77	9	12	6	4.2	286	4.2	304	4.4	323	9.9	10.4	10.3	47	0.4	999.99	0.02	RB 1
77	9	12	7	2.2	141	2.4	172	2.5	169	10.1	11.2	10.2	46	0.1	999.99	0.21	RB 1
77	9	12	8	2.8	73	2.7	109	3.1	138	11.6	12.7	11.1	37	-0.4	999.99	0.45	RB 1
77	9	12	9	8.8	327	10.1	329	10.3	238	12.9	13.2	12.3	32	-0.7	999.99	0.65	RB 1
77	9	12	10	8.6	266	9.6	269	10.0	266	12.7	12.7	11.9	35	-0.8	999.99	0.75	RB 1
77	9	12	11	9.4	283	11.6	288	12.6	286	12.3	12.2	11.8	33	-0.5	999.99	0.29	RB 1
77	9	12	12	6.5	92	7.2	99	8.0	101	12.3	12.4	11.7	24	-0.6	999.99	1.02	RB 1
77	9	12	13	6.1	161	7.1	167	7.3	167	14.2	14.2	13.4	18	-0.8	999.99	1.11	RB 1
77	9	12	14	6.6	141	7.3	171	7.4	175	15.9	16.0	15.1	17	-0.8	999.99	1.18	RB 1
77	9	12	15	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	12	16	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	12	17	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	12	18	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	12	19	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	12	20	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	12	21	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	12	22	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	12	23	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	12	24	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	13	1	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	13	2	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	13	3	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	13	4	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	13	5	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	9	13	6	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	9	13	7	4.5	312	4.5	313	4.9	308	13.0	13.8	12.4	21	-0.6	999.99	0.49	RB 1
77	9	13	8	2.9	40	2.8	44	2.9	51	11.0	12.5	10.5	20	-0.5	999.99	0.94	RB 1
77	9	13	9	3.6	72	4.1	70	4.0	79	11.8	12.5	11.3	18	-0.5	999.99	1.13	RB 1
77	9	13	10	4.4	57	4.6	64	4.8	67	13.0	13.4	12.3	17	-0.7	999.99	0.76	RB 1
77	9	13	11	5.1	71	5.3	75	5.6	74	14.4	14.6	13.7	16	-0.6	999.99	0.25	RB 1
77	9	13	12	5.1	73	5.6	68	5.8	62	15.5	15.7	14.8	16	-0.8	999.99	0.26	RB 1
77	9	13	13	5.1	249	5.6	261	5.7	260	15.8	15.8	15.0	17	-0.8	999.99	0.26	RB 1
77	9	13	14	4.1	220	4.5	217	4.6	212	16.8	17.0	16.0	16	-0.8	999.99	0.27	RB 1
77	9	13	15	6.2	334	6.7	338	7.0	333	17.4	17.6	16.6	16	-0.8	999.99	1.08	RB 1
77	9	13	16	5.6	273	5.9	275	6.3	265	17.2	17.4	16.5	17	-0.7	999.99	999.99	RB 1
77	9	13	17	3.4	231	3.8	239	4.2	228	17.1	17.9	16.4	16	-0.6	999.99	0.38	RB 1
77	9	13	18	3.4	29	4.0	51	4.4	332	16.2	16.8	16.0	16	-0.2	999.99	0.08	RB 1
77	9	13	19	5.4	287	5.5	308	6.0	323	14.9	15.2	15.2	19	0.5	999.99	0.00	RB 1
77	9	13	20	2.3	238	2.3	299	2.0	254	15.0	13.8	15.3	19	0.3	999.99	0.00	RB 1
77	9	13	21	3.3	215	3.2	231	3.5	189	14.6	13.5	14.9	19	0.5	999.99	0.00	RB 1
77	9	13	22	7.2	231	8.6	216	9.2	189	13.4	14.2	14.6	19	1.2	999.99	0.00	RB 1
77	9	13	23	9.2	249	11.1	245	12.6	225	13.2	14.0	14.3	19	1.1	999.99	0.00	RB 1
77	9	13	24	10.9	248	12.9	250	14.3	239	13.7	14.3	14.2	19	0.6	999.99	0.00	RB 1
77	9	14	1	11.9	245	14.3	247	15.6	233	13.6	14.4	14.6	19	1.0	999.99	0.00	RB 1
77	9	14	2	10.5	240	12.5	241	13.4	230	13.8	14.6	14.9	19	1.1	999.99	0.00	RB 1
77	9	14	3	9.7	241	11.7	244	12.8	233	13.6	14.1	13.9	19	0.3	999.99	0.00	RB 1
77	9	14	4	10.9	245	13.1	246	13.9	238	13.5	14.3	14.1	19	0.7	999.99	0.00	RB 1
77	9	14	5	10.1	240	11.4	237	12.3	224	13.2	13.8	13.8	19	0.6	999.99	0.00	RB 1
77	9	14	6	9.5	237	10.8	233	11.9	215	12.9	13.4	13.6	19	0.7	999.99	0.02	RB 1
77	9	14	7	7.0	238	7.9	231	9.8	221	13.5	13.9	13.5	19	0.0	999.99	0.19	RB 1
77	9	14	8	5.1	149	5.8	160	6.2	174	15.0	15.3	14.5	18	-0.4	999.99	0.45	RB 1
77	9	14	9	5.9	345	6.3	168	6.9	168	15.9	16.0	15.3	17	-0.6	999.99	0.71	RB 1
77	9	14	10	10.2	250	11.3	249	12.3	242	17.6	17.3	16.6	17	-1.0	999.99	0.93	RB 1
77	9	14	11	9.9	258	11.2	262	12.0	255	18.2	17.8	17.2	17	-1.0	999.99	1.07	RB 1
77	9	14	12	7.8	219	8.5	219	8.4	223	18.9	18.7	18.0	16	-0.9	999.99	1.17	RB 1
77	9	14	13	6.3	193	7.3	200	7.7	203	19.6	19.4	18.5	15	-1.1	999.99	1.10	RB 1
77	9	14	14	8.0	219	9.5	220	10.5	217	19.9	19.7	19.0	16	-1.0	999.99	0.97	RB 1
77	9	14	15	8.2	195	10.3	200	11.4	201	19.7	19.5	18.9	16	-0.9	999.99	0.64	RB 1
77	9	14	16	9.6	197	12.3	202	14.2	205	19.5	19.4	18.7	16	-0.8	999.99	0.52	RB 1
77	9	14	17	10.2	190	13.5	196	15.2	197	18.7	18.6	18.1	17	-0.6	999.99	0.21	RB 1
77	9	14	18	7.7	193	10.2	202	12.6	202	17.4	17.6	17.1	17	-0.5	999.99	0.03	RB 1
77	9	14	19	7.5	238	9.6	243	12.4	235	16.2	16.4	16.1	18	-0.2	999.99	0.00	RB 1
77	9	14	20	9.1	220	11.5	224	16.7	222	9.5	9.7	9.4	52	-0.1	999.99	0.01	RB 1
77	9	14	21	4.4	257	4.8	250	5.8	147	9.3	9.7	9.9	60	0.6	999.99	0.00	RB 1
77	9	14	22	2.7	89	3.3	100	3.9	105	9.3	9.5	9.3	60	-0.0	999.99	0.00	RB 1
77	9	14	23	3.6	287	3.8	304	4.4	306	8.9	9.1	8.8	63	-0.1	999.99	0.00	RB 1
77	9	14	24	8.1	215	10.2	216	14.8	215	9.2	9.5	9.3	49	0.0	999.99	0.00	RB 1
77	9	15	1	12.1	256	15.5	261	19.7	260	7.5	7.1	7.3	55	-0.2	999.99	0.00	RB 1
77	9	15	2	4.9	188	5.7	202	5.6	215	7.2	7.2	7.5	55	0.3	999.99	0.00	RB 1
77	9	15	3	4.1	162	5.4	175	6.8	166	6.9	7.5	7.4	55	0.6	999.99	0.00	RB 1
77	9	15	4	4.7	203	5.7	193	7.0	175	7.3	7.8	7.6	51	0.5	999.99	0.00	RB 1
77	9	15	5	5.3	219	5.6	202	5.6	186	8.4	8.9	8.8	41	0.4	999.99	0.00	RB 1
77	9	15	6	11.9	248	14.2	249	15.8	243	8.9	9.6	9.4	37	0.5	999.99	0.01	RB 1
77	9	15	7	9.5	239	11.6	249	13.1	251	6.8	6.5	6.8	54	-0.0	999.99	0.05	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	9	15	8	5.4	183	6.2	190	6.7	190	8.3	8.6	8.0	48	-0.3	999.99	0.46	RB 1
77	9	15	9	5.6	136	6.3	143	6.5	141	10.6	10.9	10.0	37	-0.6	999.99	0.70	RB 1
77	9	15	10	7.1	154	8.1	163	8.4	168	13.4	13.5	12.7	29	-0.7	999.99	0.91	RB 1
77	9	15	11	9.3	216	11.1	219	12.1	218	14.8	14.7	14.0	22	-0.8	999.99	0.77	RB 1
77	9	15	12	8.6	221	10.5	226	12.5	225	14.8	14.8	14.1	22	-0.7	999.99	0.44	RB 1
77	9	15	13	8.4	262	10.0	267	11.8	263	13.8	13.9	13.3	25	-0.5	999.99	0.18	RB 1
77	9	15	14	12.9	306	16.0	310	17.9	304	11.7	12.1	13.0	26	1.3	999.99	0.10	RB 1
77	9	15	15	8.2	297	10.4	302	12.3	299	12.0	12.5	12.0	23	-0.0	999.99	0.31	RB 1
77	9	15	16	10.3	241	12.6	244	13.8	240	15.3	15.3	14.6	18	-0.7	999.99	0.62	RB 1
77	9	15	17	10.8	181	14.8	186	16.2	185	15.6	15.9	15.3	18	-0.3	999.99	0.25	RB 1
77	9	15	18	7.0	179	11.1	180	13.0	176	14.0	14.6	14.2	20	0.2	999.99	0.03	RB 1
77	9	15	19	4.0	253	4.3	254	5.5	237	13.1	13.3	13.4	22	0.3	999.99	0.00	RB 1
77	9	15	20	13.1	279	16.5	284	18.5	280	11.6	12.1	11.8	24	0.2	999.99	0.00	RB 1
77	9	15	21	9.0	257	11.1	286	12.3	296	10.3	11.0	10.9	26	0.6	999.99	0.00	RB 1
77	9	15	22	3.0	164	3.6	140	4.4	114	9.1	9.6	10.0	29	0.9	999.99	0.00	RB 1
77	9	15	23	3.3	235	3.2	206	3.9	164	9.2	9.3	9.6	29	0.5	999.99	0.00	RB 1
77	9	15	24	5.0	294	5.4	198	5.9	125	9.7	10.4	10.4	29	0.7	999.99	0.00	RB 1
77	9	16	1	5.7	245	6.2	241	7.9	214	10.9	11.3	11.3	25	0.4	999.99	0.00	RB 1
77	9	16	2	3.6	193	4.5	196	6.4	181	10.5	10.9	11.0	25	0.5	999.99	0.00	RB 1
77	9	16	3	2.9	220	3.7	67	4.9	112	9.7	9.8	10.2	27	0.5	999.99	0.00	RB 1
77	9	16	4	4.7	254	6.1	244	10.6	201	10.3	10.5	11.1	24	0.8	999.99	0.00	RB 1
77	9	16	5	8.6	206	12.1	212	18.7	208	11.5	12.1	12.1	20	0.5	999.99	0.00	RB 1
77	9	16	6	8.2	204	11.6	210	16.6	205	11.1	11.7	11.5	20	0.4	999.99	0.01	RB 1
77	9	16	7	5.7	168	8.6	181	11.0	187	11.5	12.1	11.7	20	0.2	999.99	0.18	RB 1
77	9	16	8	8.4	156	10.7	160	11.4	159	13.1	13.2	12.5	19	-0.6	999.99	0.44	RB 1
77	9	16	9	11.4	195	15.1	198	17.4	201	14.1	14.0	13.3	19	-0.8	999.99	0.56	RB 1
77	9	16	10	13.3	204	16.9	209	21.0	214	15.1	14.7	14.0	18	-1.0	999.99	0.90	RB 1
77	9	16	11	15.6	192	20.4	199	23.9	203	14.7	15.1	13.7	18	-1.0	999.99	1.06	RB 1
77	9	16	12	15.5	196	20.1	199	22.8	205	15.4	15.5	14.4	18	-1.0	999.99	1.11	RB 1
77	9	16	13	14.3	192	18.4	199	20.3	204	15.5	16.1	14.7	17	-0.8	999.99	1.02	RB 1
77	9	16	14	14.8	199	19.1	204	22.8	205	12.3	16.4	12.0	17	-0.5	999.99	0.60	RB 1
77	9	16	15	15.4	193	20.4	199	23.6	201	16.9	16.8	16.2	17	-0.7	999.99	0.79	RB 1
77	9	16	16	14.5	197	18.9	204	22.9	207	17.1	17.0	16.6	17	-0.5	999.99	0.43	RB 1
77	9	16	17	14.6	203	19.2	212	25.4	214	16.0	16.8	15.7	17	-0.3	999.99	0.23	RB 1
77	9	16	18	9.8	203	12.4	212	17.4	215	14.3	16.0	14.2	18	-0.1	999.99	0.08	RB 1
77	9	16	19	6.4	207	9.2	214	14.5	207	13.0	14.8	13.5	19	0.5	999.99	0.01	RB 1
77	9	16	20	5.5	207	9.1	203	12.6	194	12.2	14.4	13.2	19	1.0	999.99	0.01	RB 1
77	9	16	21	8.4	186	13.8	191	16.6	189	12.1	14.5	13.0	19	0.8	999.99	0.01	RB 1
77	9	16	22	12.0	188	17.2	193	20.2	193	12.6	14.6	12.7	19	0.1	999.99	0.01	RB 1
77	9	16	23	12.3	190	17.1	195	20.4	194	12.2	14.1	12.2	19	0.0	999.99	0.01	RB 1
77	9	16	24	11.9	193	16.7	199	21.0	198	11.8	13.7	11.8	19	0.0	999.99	0.01	RB 1
77	9	17	1	12.7	196	17.5	203	22.3	205	12.1	13.5	12.1	19	0.0	999.99	0.01	RB 1
77	9	17	2	13.3	197	17.5	208	23.6	211	12.5	12.7	12.6	19	0.0	999.99	0.01	RB 1
77	9	17	3	8.8	202	11.5	217	18.0	216	11.6	11.6	11.8	20	0.1	999.99	0.01	RB 1
77	9	17	4	7.4	210	10.7	216	17.3	210	11.1	11.1	11.6	20	0.6	999.99	0.01	RB 1
77	9	17	5	9.2	202	12.4	212	17.4	210	11.4	11.3	11.6	20	0.2	999.99	0.01	RB 1
77	9	17	6	10.4	199	14.3	209	18.7	209	11.3	11.2	11.4	20	0.1	999.99	0.02	RB 1
77	9	17	7	10.5	198	13.9	207	18.4	211	12.0	11.7	11.6	19	-0.4	999.99	0.18	RB 1
77	9	17	8	15.0	199	19.9	205	24.8	207	12.2	11.8	11.7	19	-0.5	999.99	0.24	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	9	17	9	17.0	201	22.1	206	28.4	209	12.3	11.9	11.9	19	-0.5	999.99	0.32	RB 1
77	9	17	10	18.3	202	23.7	209	30.8	214	13.3	12.4	12.5	19	-0.8	999.99	0.77	RB 1
77	9	17	11	18.1	217	22.5	219	28.5	217	14.3	13.2	13.4	18	-0.9	999.99	1.03	RB 1
77	9	17	12	15.3	221	19.5	221	24.7	220	14.6	13.5	13.5	18	-1.0	999.99	1.02	RB 1
77	9	17	13	14.8	250	16.9	253	19.3	246	14.7	13.5	13.3	18	-1.4	999.99	0.98	RB 1
77	9	17	14	15.4	298	17.8	300	18.8	294	13.3	12.5	12.4	19	-1.0	999.99	0.74	RB 1
77	9	17	15	10.6	280	12.2	287	13.4	282	14.3	13.6	13.3	18	-1.0	999.99	0.87	RB 1
77	9	17	16	12.6	301	14.1	304	15.1	298	13.8	13.5	13.0	19	-0.8	999.99	0.59	RB 1
77	9	17	17	12.7	293	15.0	297	16.2	292	13.3	13.0	12.7	19	-0.6	999.99	0.29	RB 1
77	9	17	18	10.5	292	13.4	300	15.4	296	10.8	11.9	10.9	19	0.1	999.99	0.06	RB 1
77	9	17	19	5.6	230	7.1	252	8.4	265	9.3	10.3	9.5	20	0.3	999.99	0.01	RB 1
77	9	17	20	8.1	264	10.4	283	12.3	295	8.5	9.9	9.5	20	1.0	999.99	0.01	RB 1
77	9	17	21	11.6	274	13.6	294	15.2	304	8.5	9.7	10.1	21	1.6	999.99	0.01	RB 1
77	9	17	22	3.6	350	4.8	12	6.4	19	8.0	7.7	8.1	21	0.1	999.99	0.01	RB 1
77	9	17	23	4.6	300	4.8	320	5.7	334	6.6	6.2	6.4	22	-0.2	999.99	0.01	RB 1
77	9	17	24	4.2	299	4.7	330	7.0	355	5.6	5.2	5.9	23	0.3	999.99	0.01	RB 1
77	9	18	1	5.0	299	5.5	331	8.6	0	5.2	5.0	5.7	23	0.5	999.99	0.01	RB 1
77	9	18	2	4.1	309	4.2	336	5.4	2	5.5	5.0	5.5	23	0.1	999.99	0.01	RB 1
77	9	18	3	4.0	304	3.7	345	4.0	14	5.0	4.7	5.2	23	0.1	999.99	0.01	RB 1
77	9	18	4	4.3	294	4.0	350	3.9	5	4.6	4.5	4.9	24	0.3	999.99	0.01	RB 1
77	9	18	5	3.3	286	2.7	306	1.9	3	4.7	5.5	4.8	24	0.1	999.99	0.01	RB 1
77	9	18	6	2.5	247	2.3	259	2.1	232	5.3	5.9	5.2	24	-0.1	999.99	0.01	RB 1
77	9	18	7	2.8	181	2.9	190	2.4	179	6.2	6.4	5.8	22	-0.4	999.99	0.16	RB 1
77	9	18	8	3.5	125	3.6	150	3.8	130	7.3	7.6	6.7	21	-0.6	999.99	0.43	RB 1
77	9	18	9	4.3	84	4.8	90	5.3	89	8.6	8.7	8.0	19	-0.6	999.99	0.69	RB 1
77	9	18	10	4.2	56	4.2	66	4.2	58	10.5	10.7	9.9	18	-0.6	999.99	0.91	RB 1
77	9	18	11	5.1	47	5.4	56	5.6	44	12.7	12.7	12.0	17	-0.7	999.99	1.04	RB 1
77	9	18	12	7.2	279	8.1	275	8.3	268	15.1	14.5	14.2	17	-0.9	999.99	1.12	RB 1
77	9	18	13	7.9	234	8.8	240	9.4	234	16.1	15.4	15.1	17	-0.9	999.99	1.08	RB 1
77	9	18	14	7.2	229	8.3	230	9.2	224	16.8	16.1	15.8	17	-1.0	999.99	1.00	RB 1
77	9	18	15	7.4	205	8.9	209	10.0	209	17.2	16.6	16.2	17	-1.0	999.99	0.82	RB 1
77	9	18	16	6.7	202	7.7	204	8.2	203	17.1	16.8	16.4	17	-0.8	999.99	0.58	RB 1
77	9	18	17	4.3	239	4.9	239	5.1	216	16.9	17.0	16.4	17	-0.5	999.99	0.30	RB 1
77	9	18	18	4.8	229	6.3	225	8.7	211	15.7	15.6	15.8	18	0.1	999.99	0.05	RB 1
77	9	18	19	6.4	241	8.6	222	10.9	203	14.1	14.4	15.2	19	1.1	999.99	0.00	RB 1
77	9	18	20	6.3	240	7.5	224	9.2	199	13.8	13.9	14.6	19	0.8	999.99	0.01	RB 1
77	9	18	21	6.1	245	7.2	238	10.0	218	13.3	13.2	13.6	19	0.3	999.99	0.01	RB 1
77	9	18	22	6.5	268	7.4	264	9.6	243	13.1	13.0	13.4	19	0.3	999.99	0.01	RB 1
77	9	18	23	5.0	146	5.4	153	5.3	159	12.6	12.6	13.1	20	0.5	999.99	0.01	RB 1
77	9	18	24	4.5	246	4.6	254	5.5	243	13.2	13.0	13.6	19	0.4	999.99	0.01	RB 1
77	9	19	1	5.5	258	5.3	238	9.3	211	12.3	12.4	13.5	20	1.1	999.99	0.01	RB 1
77	9	19	2	5.0	253	6.3	229	10.8	204	12.3	12.5	13.5	20	1.1	999.99	0.01	RB 1
77	9	19	3	3.8	251	4.5	224	8.9	207	11.5	11.6	12.5	20	1.0	999.99	0.01	RB 1
77	9	19	4	4.0	251	5.5	237	10.2	215	11.9	11.8	12.9	20	1.0	999.99	0.01	RB 1
77	9	19	5	2.7	348	2.4	166	3.7	172	10.5	9.9	11.6	20	1.1	999.99	0.01	RB 1
77	9	19	6	2.6	270	2.7	202	5.1	200	10.7	10.2	11.8	21	1.1	999.99	0.01	RB 1
77	9	19	7	7.3	225	10.5	214	14.4	202	12.4	12.6	13.1	19	0.8	999.99	0.13	RB 1
77	9	19	8	9.7	187	12.8	194	14.5	196	14.7	14.3	14.2	18	-0.5	999.99	0.34	RB 1
77	9	19	9	12.7	173	15.8	179	15.7	179	16.3	15.5	15.5	18	-0.8	999.99	0.59	RB 1

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	9	19	10	10.6	172	13.2	179	13.8	179	17.4	16.6	16.5	17	-0.9	999.99	0.73	RB 1
77	9	19	11	9.7	201	11.6	205	13.6	207	18.7	18.0	17.8	17	-0.9	999.99	0.73	RB 1
77	9	19	12	11.4	225	13.7	225	17.9	221	19.6	18.8	18.5	16	-1.1	999.99	0.87	RB 1
77	9	19	13	14.6	203	18.5	211	23.3	217	19.0	18.2	18.1	17	-0.9	999.99	0.65	RB 1
77	9	19	14	15.6	198	20.1	203	24.3	209	18.9	18.2	18.1	17	-0.8	999.99	0.61	RB 1
77	9	19	15	11.8	209	15.3	217	20.3	217	18.9	18.5	18.3	17	-0.6	999.99	0.30	RB 1
77	9	19	16	13.4	205	17.4	211	22.1	212	18.9	18.5	18.4	17	-0.5	999.99	0.17	RB 1
77	9	19	17	7.8	234	9.2	231	12.9	224	17.9	17.6	17.6	17	-0.3	999.99	0.06	RB 1
77	9	19	18	5.6	220	7.5	223	11.6	223	17.2	17.0	17.2	18	-0.1	999.99	0.01	RB 1
77	9	19	19	4.9	224	7.4	218	11.8	207	16.3	16.2	16.7	18	0.3	999.99	0.01	RB 1
77	9	19	20	6.2	248	8.1	225	12.6	203	15.5	15.5	16.7	18	1.2	999.99	0.01	RB 1
77	9	19	21	7.6	244	9.5	228	12.0	207	15.2	15.5	16.6	19	1.4	999.99	0.01	RB 1
77	9	19	22	6.5	235	9.2	225	15.6	212	14.8	14.8	15.8	19	1.0	999.99	0.01	RB 1
77	9	19	23	6.7	215	9.7	221	17.0	216	15.1	14.9	15.4	19	0.4	999.99	0.01	RB 1
77	9	19	24	7.6	207	10.2	221	17.8	218	15.3	15.1	15.5	19	0.2	999.99	0.01	RB 1
77	9	20	1	7.1	217	9.4	225	17.3	223	15.1	14.9	15.4	19	0.2	999.99	0.01	RB 1
77	9	20	2	11.2	248	13.9	249	18.1	247	14.6	14.5	14.7	19	0.1	999.99	0.01	RB 1
77	9	20	3	3.8	305	4.5	342	5.8	323	12.4	11.5	12.7	20	0.3	999.99	0.01	RB 1
77	9	20	4	2.7	223	2.2	253	2.4	268	12.8	11.1	13.0	20	0.2	999.99	0.01	RB 1
77	9	20	5	5.2	219	5.6	223	6.0	215	12.3	12.1	13.0	20	0.8	999.99	0.01	RB 1
77	9	20	6	6.2	235	6.7	224	7.3	198	12.2	12.2	12.7	20	0.5	999.99	0.01	RB 1
77	9	20	7	3.4	186	3.9	190	5.1	199	12.7	12.9	12.6	20	-0.1	999.99	0.15	RB 1
77	9	20	8	8.7	178	11.1	191	12.3	201	14.8	14.3	14.1	18	-0.7	999.99	0.42	RB 1
77	9	20	9	12.2	188	15.6	196	17.1	203	15.8	15.0	14.8	18	-1.0	999.99	0.69	RB 1
77	9	20	10	14.0	192	18.1	200	20.6	206	16.5	15.6	15.4	18	-1.2	999.99	0.91	RB 1
77	9	20	11	15.0	203	19.4	210	24.7	212	17.3	16.3	16.1	17	-1.3	999.99	1.06	RB 1
77	9	20	12	17.6	194	22.8	201	26.1	206	17.8	16.6	16.7	17	-1.1	999.99	1.13	RB 1
77	9	20	13	17.4	190	23.1	196	25.4	200	18.3	17.0	17.2	17	-1.0	999.99	1.09	RB 1
77	9	20	14	16.9	186	21.8	194	24.0	198	18.8	17.7	17.8	17	-1.0	999.99	0.98	RB 1
77	9	20	15	14.8	200	19.3	205	23.9	209	18.8	18.0	17.9	17	-0.9	999.99	0.68	RB 1
77	9	20	16	15.4	204	19.6	208	23.5	209	18.8	18.2	18.1	17	-0.7	999.99	0.54	RB 1
77	9	20	17	11.9	218	15.2	221	21.0	220	18.0	17.8	17.5	17	-0.5	999.99	0.29	RB 1
77	9	20	18	11.6	208	14.8	217	21.2	218	16.5	16.4	16.3	18	-0.2	999.99	0.02	RB 1
77	9	20	19	8.8	239	9.9	232	15.5	223	15.3	15.1	15.2	18	-0.1	999.99	0.01	RB 1
77	9	20	20	9.4	247	10.0	256	15.6	227	14.8	14.6	14.7	19	-0.1	999.99	0.01	RB 1
77	9	20	21	12.5	271	15.4	273	18.2	267	13.9	13.8	13.8	19	-0.1	999.99	0.01	RB 1
77	9	20	22	15.3	290	18.5	293	20.7	288	12.6	11.9	12.7	20	0.1	999.99	0.01	RB 1
77	9	20	23	14.6	263	17.8	266	20.7	262	11.4	10.6	11.0	21	-0.4	999.99	0.01	RB 1
77	9	20	24	12.2	255	14.9	261	17.3	259	10.5	9.8	10.2	22	-0.3	999.99	0.01	RB 1
77	9	21	1	9.3	273	11.8	279	14.0	277	9.1	8.4	8.9	24	-0.3	999.99	0.01	RB 1
77	9	21	2	3.1	308	4.0	316	4.8	312	8.0	7.2	7.9	27	-0.2	999.99	0.01	RB 1
77	9	21	3	5.8	272	8.2	284	10.6	282	7.2	6.6	7.3	28	0.0	999.99	0.01	RB 1
77	9	21	4	8.6	279	11.7	283	14.6	279	7.0	6.2	6.8	27	-0.2	999.99	0.01	RB 1
77	9	21	5	4.8	321	5.7	321	6.5	304	6.4	5.6	6.3	28	-0.1	999.99	0.01	RB 1
77	9	21	6	4.0	329	4.7	342	5.3	343	6.1	5.2	6.1	28	0.0	999.99	0.01	RB 1
77	9	21	7	3.5	238	3.3	253	2.8	267	5.7	5.0	6.0	28	0.3	999.99	0.04	RB 1
77	9	21	8	3.5	90	4.1	87	4.4	78	7.0	6.5	6.5	24	-0.5	999.99	0.40	RB 1
77	9	21	9	5.4	176	6.0	179	5.9	180	8.8	8.0	8.1	21	-0.7	999.99	0.66	RB 1
77	9	21	10	4.9	147	5.5	159	5.5	160	10.2	9.5	9.4	19	-0.7	999.99	0.76	RB 1

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	9	21	11	5.8	123	6.4	130	6.8	128	11.5	10.6	10.7	19	-0.8	999.99	0.93	RB 1
77	9	21	12	6.0	155	6.7	161	7.6	159	12.9	11.9	12.1	18	-0.9	999.99	0.90	RB 1
77	9	21	13	7.1	174	8.1	185	8.4	191	14.1	12.9	13.1	18	-0.9	999.99	0.91	RB 1
77	9	21	14	10.1	223	12.0	224	12.9	223	14.8	13.5	13.8	18	-0.9	999.99	0.80	RB 1
77	9	21	15	10.5	190	13.2	197	14.5	201	14.7	13.2	13.6	19	-1.0	999.99	0.61	RB 1
77	9	21	16	9.7	192	11.9	201	13.5	205	14.0	12.8	13.2	19	-0.8	999.99	0.32	RB 1
77	9	21	17	7.0	194	9.2	200	10.8	204	13.4	12.4	12.9	19	-0.6	999.99	0.11	RB 1
77	9	21	18	6.0	163	7.7	170	8.5	171	12.8	11.9	12.5	19	-0.3	999.99	0.04	RB 1
77	9	21	19	4.7	160	7.2	164	9.3	160	11.3	10.6	11.5	20	0.3	999.99	0.01	RB 1
77	9	21	20	3.7	159	4.7	159	5.9	154	10.8	9.8	10.8	21	-0.0	999.99	0.01	RB 1
77	9	21	21	3.4	223	3.6	216	3.9	178	10.7	9.6	10.9	21	0.2	999.99	0.01	RB 1
77	9	21	22	3.2	244	2.9	243	3.3	209	10.3	8.9	10.5	21	0.2	999.99	0.01	RB 1
77	9	21	23	3.7	215	4.2	206	5.4	193	10.0	9.2	10.5	21	0.5	999.99	0.01	RB 1
77	9	21	24	2.2	185	3.0	171	4.5	166	9.5	8.1	9.7	21	0.2	999.99	0.01	RB 1
77	9	22	1	3.5	172	4.4	162	4.5	155	10.0	9.4	10.5	21	0.4	999.99	0.01	RB 1
77	9	22	2	3.5	224	3.8	221	3.7	196	10.3	9.3	10.6	21	0.3	999.99	0.01	RB 1
77	9	22	3	1.5	220	1.6	202	2.5	172	10.4	8.4	10.5	21	0.1	999.99	0.01	RB 1
77	9	22	4	2.6	289	2.3	328	2.8	192	10.1	8.6	10.6	21	0.4	999.99	0.01	RB 1
77	9	22	5	1.9	57	3.3	130	5.7	182	10.0	9.0	10.7	21	0.6	999.99	0.01	RB 1
77	9	22	6	6.4	179	10.6	198	14.4	197	10.7	10.5	11.6	21	0.9	999.99	0.01	RB 1
77	9	22	7	10.7	197	15.2	203	19.4	201	12.5	11.7	12.4	20	-0.1	999.99	0.08	RB 1
77	9	22	8	9.9	194	13.0	200	15.9	201	12.8	11.8	12.4	19	-0.4	999.99	0.19	RB 1
77	9	22	9	11.3	206	15.0	211	18.7	214	13.4	12.2	12.7	19	-0.7	999.99	0.36	RB 1
77	9	22	10	15.5	202	19.8	208	24.9	213	14.7	13.1	13.8	19	-1.0	999.99	0.77	RB 1
77	9	22	11	19.0	195	25.1	201	29.9	205	15.5	13.7	14.6	19	-0.9	999.99	0.88	RB 1
77	9	22	12	18.5	196	24.3	201	29.1	205	16.5	14.6	15.6	18	-1.0	999.99	1.08	RB 1
77	9	22	13	19.6	192	26.0	198	29.8	202	17.1	15.0	16.2	18	-0.9	999.99	1.02	RB 1
77	9	22	14	14.5	191	18.7	198	21.4	201	16.9	15.4	16.0	18	-0.8	999.99	0.52	RB 1
77	9	22	15	11.5	213	14.5	218	17.0	219	16.9	15.7	16.2	18	-0.7	999.99	0.38	RB 1
77	9	22	16	11.0	256	12.4	258	13.8	252	15.4	14.5	14.8	18	-0.6	999.99	0.30	RB 1
77	9	22	17	8.0	252	9.6	247	11.4	236	14.6	13.7	14.4	19	-0.2	999.99	0.09	RB 1
77	9	22	18	6.3	257	7.7	253	9.5	239	13.1	12.5	13.6	19	0.5	999.99	0.01	RB 1
77	9	22	19	7.2	251	9.0	253	10.9	242	12.8	12.1	12.9	20	0.1	999.99	0.00	RB 1
77	9	22	20	14.2	220	18.1	223	22.0	221	13.4	12.5	14.6	19	1.2	999.99	0.00	RB 1
77	9	22	21	14.6	192	19.4	198	22.9	197	13.8	12.8	12.4	19	-1.4	999.99	0.00	RB 1
77	9	22	22	25.8	259	31.0	261	35.0	258	11.7	10.3	9.7	21	-2.0	999.99	0.00	RB 1
77	9	22	23	21.0	272	25.1	277	27.7	274	7.3	6.2	6.8	24	-0.4	999.99	0.00	RB 1
77	9	22	24	7.8	225	10.0	231	12.8	232	7.3	6.3	7.1	24	-0.2	999.99	0.01	RB 1
77	9	23	1	10.8	254	13.0	258	15.1	256	8.3	7.2	7.9	22	-0.3	999.99	0.00	RB 1
77	9	23	2	16.5	292	19.9	295	21.4	290	6.3	5.2	5.9	26	-0.5	999.99	0.00	RB 1
77	9	23	3	15.0	281	18.6	284	20.9	281	4.5	3.0	4.0	34	-0.5	999.99	0.00	RB 1
77	9	23	4	12.2	261	14.8	265	17.0	261	4.0	2.4	3.6	40	-0.4	999.99	0.01	RB 1
77	9	23	5	18.4	251	21.8	255	25.5	252	4.1	3.2	3.8	29	-0.3	999.99	0.01	RB 1
77	9	23	6	18.5	259	22.1	263	25.0	259	3.5	2.6	3.3	23	-0.3	999.99	0.01	RB 1
77	9	23	7	14.0	267	17.1	273	19.2	266	3.5	2.4	2.9	24	-0.6	999.99	0.16	RB 1
77	9	23	8	13.8	284	16.2	288	17.7	283	3.2	1.9	2.5	24	-0.6	999.99	0.24	RB 1
77	9	23	9	13.5	288	15.7	292	17.0	286	3.8	2.2	2.9	24	-0.9	999.99	0.59	RB 1
77	9	23	10	12.2	259	13.5	261	14.3	257	5.3	3.6	4.3	22	-0.9	999.99	0.91	RB 1
77	9	23	11	10.3	250	11.7	252	12.5	243	6.8	5.2	5.8	22	-1.0	999.99	1.03	RB 1

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	9	23	12	8.0	235	8.9	243	9.6	240	8.1	6.6	7.1	21	-1.0	999.99	1.11	RB 1
77	9	23	13	7.8	229	8.6	233	9.1	232	9.3	8.0	8.4	20	-0.9	999.99	1.07	RB 1
77	9	23	14	10.8	253	12.2	255	13.3	248	10.5	8.9	9.6	20	-0.9	999.99	0.98	RB 1
77	9	23	15	8.8	252	9.9	254	10.6	248	11.5	10.1	10.7	19	-0.8	999.99	0.79	RB 1
77	9	23	16	10.4	262	11.9	265	13.1	260	12.1	10.8	11.3	19	-0.8	999.99	0.55	RB 1
77	9	23	17	9.5	275	11.0	277	12.1	272	11.8	10.8	11.2	20	-0.6	999.99	0.27	RB 1
77	9	23	18	5.3	255	6.0	268	6.9	269	10.5	9.5	10.4	20	-0.1	999.99	0.03	RB 1
77	9	23	19	7.8	242	8.7	257	10.2	223	9.5	8.8	10.0	21	0.5	999.99	0.01	RB 1
77	9	23	20	7.4	241	9.6	225	12.5	208	8.3	7.8	9.6	21	1.4	999.99	0.01	RB 1
77	9	23	21	5.4	250	7.2	227	11.3	206	7.9	7.3	9.0	22	1.1	999.99	0.01	RB 1
77	9	23	22	4.1	225	4.5	223	5.9	196	8.1	7.0	8.3	22	0.2	999.99	0.01	RB 1
77	9	23	23	4.1	136	4.1	147	4.3	185	8.7	7.4	8.8	22	0.1	999.99	0.01	RB 1
77	9	23	24	1.9	176	2.2	199	3.2	200	9.0	6.7	9.1	22	0.1	999.99	0.01	RB 1
77	9	24	1	2.1	253	2.4	218	3.5	200	9.3	6.7	9.3	22	-0.0	999.99	0.01	RB 1
77	9	24	2	1.8	21	1.9	62	2.5	142	9.1	6.3	9.1	22	0.0	999.99	0.01	RB 1
77	9	24	3	2.5	267	2.2	279	2.6	240	9.7	7.3	9.8	21	0.1	999.99	0.01	RB 1
77	9	24	4	2.0	12	2.4	58	3.4	147	9.5	7.3	9.6	22	0.1	999.99	0.01	RB 1
77	9	24	5	3.1	138	4.0	140	4.6	148	8.9	7.8	9.3	22	0.4	999.99	0.01	RB 1
77	9	24	6	2.5	98	3.5	120	3.7	148	9.1	7.9	9.5	22	0.4	999.99	0.01	RB 1
77	9	24	7	2.6	106	3.3	143	5.8	189	10.1	9.8	10.3	21	0.2	999.99	0.14	RB 1
77	9	24	8	8.7	182	11.2	194	14.1	205	13.3	12.1	12.6	19	-0.6	999.99	0.41	RB 1
77	9	24	9	11.3	233	13.5	232	16.6	226	15.1	13.6	14.2	18	-0.9	999.99	0.67	RB 1
77	9	24	10	15.9	203	20.6	210	25.1	214	16.1	14.2	15.0	18	-1.1	999.99	0.88	RB 1
77	9	24	11	17.4	200	22.4	205	26.9	212	17.0	14.9	15.8	18	-1.2	999.99	1.01	RB 1
77	9	24	12	17.9	201	23.5	207	29.0	211	17.7	15.6	16.5	18	-1.2	999.99	1.08	RB 1
77	9	24	13	16.6	223	19.6	224	23.5	222	18.7	16.8	17.7	17	-1.0	999.99	0.98	RB 1
77	9	24	14	14.4	232	16.8	233	20.4	228	18.4	16.8	17.5	17	-0.9	999.99	0.71	RB 1
77	9	24	15	13.0	224	15.6	228	19.2	226	16.5	17.0	17.7	17	-0.8	999.99	0.51	RB 1
77	9	24	16	12.1	242	14.3	244	17.4	238	18.5	17.2	17.9	17	-0.6	999.99	0.30	RB 1
77	9	24	17	16.5	251	19.5	254	22.2	250	18.0	16.9	17.6	18	-0.4	999.99	0.14	RB 1
77	9	24	18	16.9	249	20.7	254	23.9	251	17.5	16.6	17.2	18	-0.2	999.99	0.03	RB 1
77	9	24	19	13.3	248	16.6	253	19.6	250	16.7	15.9	16.7	18	0.0	999.99	0.00	RB 1
77	9	24	20	9.6	244	12.7	251	15.1	250	15.9	15.3	16.4	18	0.5	999.99	0.00	RB 1
77	9	24	21	7.8	246	9.9	254	12.0	251	15.7	15.3	16.5	19	0.8	999.99	0.00	RB 1
77	9	24	22	7.6	238	9.5	265	11.1	268	15.4	15.0	16.3	19	0.8	999.99	0.00	RB 1
77	9	24	23	4.0	19	5.9	26	7.0	25	11.9	11.0	12.3	20	0.4	999.99	0.00	RB 1
77	9	24	24	5.2	305	5.8	321	6.5	350	11.3	10.2	11.2	20	-0.1	999.99	0.00	RB 1
77	9	25	1	3.9	280	4.0	313	3.9	342	11.1	9.9	11.3	21	0.2	999.99	0.01	RB 1
77	9	25	2	3.1	277	2.9	298	2.1	316	11.1	9.5	11.3	21	0.2	999.99	0.01	RB 1
77	9	25	3	3.8	233	3.1	238	3.1	238	11.6	9.9	11.7	21	0.1	999.99	0.01	RB 1
77	9	25	4	4.6	193	5.4	194	6.3	199	11.7	10.9	12.3	20	0.6	999.99	0.01	RB 1
77	9	25	5	7.1	237	9.9	251	11.6	247	12.1	11.9	13.5	20	1.4	999.99	0.01	RB 1
77	9	25	6	8.4	239	10.3	243	12.0	237	12.4	12.1	13.4	20	1.0	999.99	0.01	RB 1
77	9	25	7	4.0	207	5.5	226	7.3	217	13.0	12.4	13.0	19	-0.0	999.99	0.14	RB 1
77	9	25	8	9.6	193	12.5	205	16.3	214	15.7	14.4	14.9	18	-0.8	999.99	0.40	RB 1
77	9	25	9	9.1	213	11.6	217	13.6	222	17.5	16.0	16.6	17	-1.0	999.99	0.66	RB 1
77	9	25	10	11.4	213	14.1	215	16.9	215	18.6	16.9	17.5	17	-1.1	999.99	0.87	RB 1
77	9	25	11	11.8	215	14.9	213	18.2	217	19.4	17.6	18.2	17	-1.2	999.99	1.00	RB 1
77	9	25	12	12.5	209	15.8	211	18.7	213	20.1	18.1	18.8	16	-1.3	999.99	1.07	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	9	25	13	12.8	214	15.6	218	17.6	220	20.9	19.0	19.7	16	-1.2	999.99	1.02	RB 1
77	9	25	14	12.2	220	14.7	224	17.4	222	21.3	19.5	20.1	16	-1.2	999.99	0.93	RB 1
77	9	25	15	13.1	198	16.4	204	19.0	207	21.3	19.6	20.2	16	-1.0	999.99	0.75	RB 1
77	9	25	16	11.6	201	14.9	208	18.8	212	21.2	19.8	20.4	16	-0.8	999.99	0.51	RB 1
77	9	25	17	11.7	196	16.2	202	20.3	206	20.2	19.2	19.9	17	-0.4	999.99	0.25	RB 1
77	9	25	18	9.0	204	12.2	212	16.8	211	18.8	17.9	18.8	17	-0.0	999.99	0.03	RB 1
77	9	25	19	5.6	211	8.0	217	14.1	214	17.4	16.4	17.6	18	0.2	999.99	0.00	RB 1
77	9	25	20	4.2	215	6.3	218	11.7	214	17.0	15.9	17.2	18	0.3	999.99	0.00	RB 1
77	9	25	21	5.9	220	9.0	220	16.0	213	16.8	15.9	17.2	18	0.4	999.99	0.00	RB 1
77	9	25	22	7.2	216	10.4	219	16.5	213	16.5	15.6	16.7	18	0.2	999.99	0.01	RB 1
77	9	25	23	9.4	209	12.6	217	19.4	216	16.5	15.6	16.6	18	0.1	999.99	0.01	RB 1
77	9	25	24	8.9	210	11.3	219	18.2	221	16.5	15.5	16.4	18	-0.1	999.99	0.00	RB 1
77	9	26	1	8.6	221	11.6	222	18.3	219	16.8	15.8	16.7	18	-0.1	999.99	0.00	RB 1
77	9	26	2	7.9	237	9.1	232	14.8	223	17.0	16.0	16.9	18	-0.1	999.99	0.00	RB 1
77	9	26	3	7.5	224	9.8	225	15.3	220	17.0	16.0	16.9	18	-0.1	999.99	0.00	RB 1
77	9	26	4	10.4	211	14.4	212	19.9	209	17.5	16.5	17.3	18	-0.2	999.99	0.00	RB 1
77	9	26	5	8.4	228	10.3	227	14.9	224	17.2	16.1	17.0	18	-0.1	999.99	0.00	RB 1
77	9	26	6	8.7	225	10.6	225	15.9	222	16.7	15.6	16.5	18	-0.1	999.99	0.00	RB 1
77	9	26	7	14.7	229	18.2	232	23.2	229	16.2	15.1	15.8	18	-0.4	999.99	0.05	RB 1
77	9	26	8	11.7	224	14.5	228	17.7	228	17.3	16.0	16.7	18	-0.6	999.99	0.21	RB 1
77	9	26	9	13.9	223	17.4	229	20.8	229	17.1	15.9	16.6	18	-0.5	999.99	0.13	RB 1
77	9	26	10	16.1	195	21.3	201	25.9	205	17.9	16.5	17.3	18	-0.6	999.99	0.45	RB 1
77	9	26	11	15.2	193	21.0	197	23.5	200	18.3	16.6	17.4	17	-0.8	999.99	0.57	RB 1
77	9	26	12	18.3	194	25.8	199	27.5	204	20.0	17.8	18.9	17	-1.1	999.99	1.08	RB 1
77	9	26	13	15.3	213	18.3	216	21.8	218	20.6	18.7	19.5	16	-1.1	999.99	1.03	RB 1
77	9	26	14	12.6	211	16.1	215	19.6	215	20.6	18.9	19.5	16	-1.0	999.99	0.72	RB 1
77	9	26	15	12.9	202	16.4	210	19.4	213	21.1	19.4	20.0	16	-1.0	999.99	0.74	RB 1
77	9	26	16	10.3	205	13.6	210	16.7	212	20.7	19.4	20.0	16	-0.7	999.99	0.36	RB 1
77	9	26	17	7.7	222	9.6	224	11.9	224	20.4	19.5	20.0	16	-0.4	999.99	0.20	RB 1
77	9	26	18	4.7	227	5.5	231	6.8	218	19.3	18.2	19.2	17	-0.1	999.99	0.02	RB 1
77	9	26	19	6.8	245	7.9	252	10.0	214	18.2	17.6	19.1	18	0.9	999.99	0.00	RB 1
77	9	26	20	8.8	260	10.0	259	11.5	242	17.7	17.1	18.3	18	0.6	999.99	0.01	RB 1
77	9	26	21	9.5	250	10.5	256	10.8	254	18.0	17.6	18.6	18	0.6	999.99	0.01	RB 1
77	9	26	22	7.1	263	6.7	275	6.1	283	18.1	17.2	18.3	18	0.2	999.99	0.00	RB 1
77	9	26	23	6.8	274	6.7	294	6.5	313	17.5	16.7	18.1	18	0.5	999.99	0.01	RB 1
77	9	26	24	4.7	299	4.6	324	4.8	341	16.9	15.8	17.2	18	0.3	999.99	0.00	RB 1
77	9	27	1	5.3	299	5.7	320	5.8	340	15.6	14.7	16.0	19	0.4	999.99	0.01	RB 1
77	9	27	2	6.4	283	6.4	299	6.3	314	15.3	14.4	15.6	19	0.2	999.99	0.01	RB 1
77	9	27	3	6.7	272	6.6	285	6.4	285	15.3	14.4	15.6	19	0.3	999.99	0.01	RB 1
77	9	27	4	8.6	259	8.8	269	8.9	262	14.7	14.4	15.6	19	0.9	999.99	0.01	RB 1
77	9	27	5	11.7	238	13.1	239	13.6	225	14.8	14.4	15.7	19	0.9	999.99	0.01	RB 1
77	9	27	6	10.5	244	11.1	245	11.3	237	14.4	14.3	15.4	19	1.0	999.99	0.01	RB 1
77	9	27	7	7.4	239	8.5	244	8.7	232	14.5	14.0	14.9	19	0.4	999.99	0.14	RB 1
77	9	27	8	7.2	183	7.9	194	8.0	198	16.3	15.3	15.8	18	-0.5	999.99	0.39	RB 1
77	9	27	9	9.6	199	11.7	202	12.9	208	18.1	16.7	17.1	17	-1.0	999.99	0.66	RB 1
77	9	27	10	11.0	209	13.8	212	15.9	214	19.0	17.3	17.7	17	-1.2	999.99	0.87	RB 1
77	9	27	11	12.4	211	14.7	214	16.5	216	19.7	18.0	18.5	17	-1.2	999.99	1.00	RB 1
77	9	27	12	12.5	195	15.6	203	17.1	206	20.0	18.1	18.8	16	-1.2	999.99	1.06	RB 1
77	9	27	13	12.5	209	15.4	214	17.7	214	20.7	18.8	19.4	16	-1.3	999.99	1.05	RB 1

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO UTL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
				SPEED	DIRECT	SPEED	DIRECT	SPEED	DIRECT	10 M	30 M	60 M	HUMID	T		RAD	SITE
YR	MN	DY	HR	(MPH)	(DEGS)	(MPH)	(DEGS)	(MPH)	(DEGS)	(C)	(C)	(C)	(%)	(C)	(INCH)	(LANG)	
77	9	27	14	13.5	214	16.1	219	18.9	217	20.9	19.2	19.8	16	-1.1	999.99	0.89	RB 1
77	9	27	15	12.9	198	16.6	204	19.5	206	20.4	18.8	19.4	17	-1.0	999.99	0.58	RB 1
77	9	27	16	12.2	192	16.0	197	18.2	201	19.8	18.5	19.1	17	-0.7	999.99	0.31	RB 1
77	9	27	17	10.6	192	13.9	199	16.6	201	19.1	18.0	18.7	17	-0.5	999.99	0.21	RB 1
77	9	27	18	7.1	224	9.0	225	12.6	222	18.0	17.1	18.1	18	0.0	999.99	0.02	RB 1
77	9	27	19	7.7	247	9.3	238	13.1	229	17.2	16.4	17.8	18	0.6	999.99	0.00	RB 1
77	9	27	20	6.7	245	9.0	228	12.3	213	16.4	15.8	17.6	18	1.2	999.99	0.00	RB 1
77	9	27	21	7.4	245	9.3	227	12.1	211	16.1	15.6	17.2	18	1.1	999.99	0.00	RB 1
77	9	27	22	9.5	248	11.6	241	15.3	232	16.0	15.5	16.9	19	0.9	999.99	0.01	RB 1
77	9	27	23	6.9	255	7.9	239	12.7	221	14.9	14.2	15.5	19	0.6	999.99	0.00	RB 1
77	9	27	24	10.1	258	10.1	243	13.9	221	14.9	13.9	14.7	22	-0.1	999.99	0.01	RB 1
77	9	28	1	11.1	258	10.7	245	13.9	224	14.8	13.7	14.5	25	-0.2	999.99	0.01	RB 1
77	9	28	2	12.1	254	12.8	246	17.3	232	14.4	13.5	14.4	26	0.0	999.99	0.01	RB 1
77	9	28	3	12.3	253	14.0	247	18.1	236	13.9	13.1	14.0	27	0.1	999.99	0.00	RB 1
77	9	28	4	12.2	249	14.9	248	18.9	238	13.4	12.8	13.7	29	0.3	999.99	0.00	RB 1
77	9	28	5	13.0	249	16.8	251	19.3	244	13.5	12.9	13.8	28	0.2	999.99	0.01	RB 1
77	9	28	6	13.6	244	18.0	250	21.8	245	13.3	12.6	13.6	28	0.2	999.99	0.01	RB 1
77	9	28	7	13.5	249	16.5	251	20.0	245	13.9	12.9	13.7	27	-0.2	999.99	0.12	RB 1
77	9	28	8	11.7	243	13.7	240	17.4	233	15.6	14.3	14.8	25	-0.8	999.99	0.38	RB 1
77	9	28	9	10.5	234	12.1	233	14.1	225	16.8	15.5	15.9	20	-0.9	999.99	0.64	RB 1
77	9	28	10	12.2	256	13.5	257	14.2	249	17.3	16.0	16.4	19	-0.9	999.99	0.86	RB 1
77	9	28	11	11.9	222	13.6	226	15.1	226	18.5	17.2	17.2	18	-1.3	999.99	0.98	RB 1
77	9	28	12	9.2	221	11.3	220	12.7	218	19.1	18.1	18.1	17	-1.1	999.99	0.71	RB 1
77	9	28	13	11.3	222	13.7	223	16.4	221	20.1	18.8	18.8	16	-1.3	999.99	0.91	RB 1
77	9	28	14	12.7	197	15.9	203	18.4	207	19.9	18.6	18.7	17	-1.1	999.99	0.70	RB 1
77	9	28	15	10.7	193	14.3	196	16.1	201	19.2	18.3	18.3	17	-0.9	999.99	0.44	RB 1
77	9	28	16	11.9	186	15.3	194	17.0	197	19.5	18.5	18.7	17	-0.8	999.99	0.47	RB 1
77	9	28	17	10.9	192	14.3	198	16.6	200	18.9	18.1	18.4	17	-0.4	999.99	0.22	RB 1
77	9	28	18	8.8	195	11.9	204	15.3	206	17.5	17.0	17.5	18	-0.1	999.99	0.02	RB 1
77	9	28	19	5.6	193	8.6	201	12.0	200	15.9	15.6	16.1	19	0.2	999.99	0.01	RB 1
77	9	28	20	4.2	196	6.8	202	10.0	202	15.3	14.9	15.5	19	0.2	999.99	0.01	RB 1
77	9	28	21	3.8	247	5.5	230	10.0	217	15.1	14.5	15.4	19	0.3	999.99	0.01	RB 1
77	9	28	22	2.5	250	3.4	226	6.8	214	15.0	13.9	15.2	20	0.2	999.99	0.01	RB 1
77	9	28	23	5.8	215	8.6	211	12.8	205	15.3	14.6	15.7	19	0.4	999.99	0.01	RB 1
77	9	28	24	8.9	196	12.3	203	15.8	203	15.6	15.0	15.8	19	0.2	999.99	0.01	RB 1
77	9	29	1	6.6	206	9.4	212	14.5	209	15.2	14.4	15.4	20	0.2	999.99	0.01	RB 1
77	9	29	2	10.1	201	13.7	209	18.9	208	15.1	14.4	15.2	19	0.0	999.99	0.01	RB 1
77	9	29	3	10.3	198	14.3	206	18.8	205	14.7	14.0	14.8	20	0.0	999.99	0.01	RB 1
77	9	29	4	9.3	193	13.3	201	17.5	204	14.5	13.8	14.5	20	0.0	999.99	0.01	RB 1
77	9	29	5	4.1	143	6.4	169	9.0	183	13.5	12.6	13.8	21	0.3	999.99	0.01	RB 1
77	9	29	6	3.8	63	4.4	103	5.8	157	12.7	11.9	13.4	22	0.7	999.99	0.01	RB 1
77	9	29	7	4.9	69	5.5	127	6.0	144	13.9	13.5	14.2	21	0.3	999.99	0.12	RB 1
77	9	29	8	7.2	128	9.4	192	12.3	211	16.6	15.7	15.9	18	-0.7	999.99	0.37	RB 1
77	9	29	9	11.9	208	15.1	211	18.9	216	17.8	16.4	16.9	18	-0.9	999.99	0.59	RB 1
77	9	29	10	14.5	208	18.6	208	22.9	213	18.9	17.3	17.8	17	-1.1	999.99	0.82	RB 1
77	9	29	11	16.1	197	21.1	204	24.7	209	19.4	17.5	18.2	17	-1.2	999.99	0.89	RB 1
77	9	29	12	15.7	197	20.2	204	24.3	208	18.9	17.5	17.9	17	-1.0	999.99	0.67	RB 1
77	9	29	13	14.9	198	19.5	205	23.6	211	18.8	17.6	17.8	17	-1.0	999.99	0.59	RB 1
77	9	29	14	15.1	197	19.5	205	24.1	210	19.0	17.8	18.1	17	-1.0	999.99	0.64	RB 1

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL		
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE	
77	9	29	15	13.6	206	17.5	211	21.2	216	19.5	18.4	18.6	17	-0.8	999.99	0.51	RB	1
77	9	29	16	13.8	206	17.8	211	22.8	214	19.5	18.6	18.9	17	-0.6	999.99	0.36	RB	1
77	9	29	17	15.3	198	20.4	205	25.7	207	18.2	17.5	17.8	17	-0.4	999.99	0.13	RB	1
77	9	29	18	10.7	209	14.1	214	19.5	213	17.0	16.5	16.8	18	-0.2	999.99	0.01	RB	1
77	9	29	19	9.3	221	11.8	220	17.9	217	16.3	15.7	16.2	18	-0.1	999.99	0.01	RB	1
77	9	29	20	10.0	204	13.3	216	20.2	216	16.1	15.6	16.0	18	-0.1	999.99	0.01	RB	1
77	9	29	21	10.0	215	12.3	222	19.2	220	16.2	15.7	16.1	18	-0.1	999.99	0.01	RB	1
77	9	29	22	9.9	214	12.6	220	18.3	215	15.8	15.4	15.7	18	-0.1	999.99	0.01	RB	1
77	9	29	23	7.8	209	10.4	216	15.1	214	15.5	15.1	15.5	18	-0.0	999.99	0.01	RB	1
77	9	29	24	8.1	205	10.6	213	15.6	212	15.4	15.0	15.4	18	-0.1	999.99	0.01	RB	1
77	9	30	1	7.5	218	10.1	218	15.2	214	15.0	14.6	14.9	19	-0.1	999.99	0.01	RB	1
77	9	30	2	5.6	207	7.6	217	12.6	216	14.2	13.8	14.4	19	0.2	999.99	0.01	RB	1
77	9	30	3	5.9	207	8.2	217	13.9	216	13.7	13.3	13.9	19	0.2	999.99	0.01	RB	1
77	9	30	4	5.1	214	7.3	219	13.1	216	13.3	12.9	13.5	19	0.3	999.99	0.01	RB	1
77	9	30	5	4.2	230	6.9	223	14.1	214	12.7	12.3	13.2	20	0.5	999.99	0.01	RB	1
77	9	30	6	5.4	224	7.4	222	13.6	215	12.6	12.2	12.8	20	0.2	999.99	0.01	RB	1
77	9	30	7	7.2	227	9.2	233	12.7	230	13.0	12.4	12.9	19	-0.2	999.99	0.04	RB	1
77	9	30	8	7.6	2	9.1	5	9.8	358	9.3	8.8	9.1	22	-0.3	999.99	0.05	RB	1
77	9	30	9	7.5	5	9.0	12	9.2	6	7.4	6.7	7.0	26	-0.4	999.99	0.05	RB	1
77	9	30	10	11.2	283	13.8	287	16.0	282	6.0	5.1	5.6	41	-0.4	999.99	0.12	RB	1
77	9	30	11	7.4	312	8.4	311	9.3	301	4.7	3.9	4.1	52	-0.6	999.99	0.21	RB	1
77	9	30	12	7.4	256	8.5	259	9.3	257	4.4	3.7	3.8	50	-0.7	999.99	0.40	RB	1
77	9	30	13	12.7	271	15.0	274	16.1	269	6.8	5.7	5.8	27	-1.0	999.99	1.00	RB	1
77	9	30	14	15.0	288	17.2	291	18.5	285	8.9	7.6	7.9	21	-1.0	999.99	0.93	RB	1
77	9	30	15	15.0	295	17.6	296	19.2	290	9.3	8.2	8.4	21	-0.9	999.99	0.73	RB	1
77	9	30	16	8.8	47	9.9	53	10.5	48	7.3	6.6	6.7	22	-0.5	999.99	0.49	RB	1
77	9	30	17	8.4	307	9.8	309	10.7	303	7.1	6.6	6.5	22	-0.5	999.99	0.21	RB	1
77	9	30	18	4.6	56	5.5	54	5.7	43	4.6	3.9	4.2	30	-0.3	999.99	0.01	RB	1
77	9	30	19	4.2	191	4.0	175	3.7	149	3.8	3.0	3.7	38	-0.1	999.99	0.01	RB	1
77	9	30	20	4.2	173	4.5	166	4.5	146	3.4	2.9	3.5	36	0.1	999.99	0.01	RB	1
77	9	30	21	3.8	157	4.3	153	4.4	132	2.7	2.1	2.6	35	-0.1	999.99	0.01	RB	1
77	9	30	22	4.2	191	4.9	188	4.7	165	2.1	1.8	2.3	34	0.2	999.99	0.01	RB	1
77	9	30	23	3.9	190	4.2	176	4.5	147	2.0	1.6	2.2	34	0.2	999.99	0.01	RB	1
77	9	30	24	3.1	177	3.4	167	4.7	133	2.4	1.2	2.4	32	0.0	999.99	0.01	RB	1
77	10	1	1	3.1	226	3.4	176	4.1	134	2.1	0.9	2.2	32	0.2	999.99	0.01	RB	1
77	10	1	2	1.4	230	2.0	169	2.5	114	1.9	0.1	2.0	36	0.2	999.99	0.01	RB	1
77	10	1	3	1.9	222	2.5	147	3.9	115	1.8	0.2	1.8	35	0.0	999.99	0.01	RB	1
77	10	1	4	2.7	169	3.2	152	4.7	127	1.5	0.2	1.5	32	-0.0	999.99	0.01	RB	1
77	10	1	5	2.0	195	2.5	167	3.8	140	1.2	-0.5	1.2	34	0.0	999.99	0.01	RB	1
77	10	1	6	3.4	203	3.3	193	3.3	163	1.1	-0.2	1.0	32	-0.0	999.99	0.01	RB	1
77	10	1	7	2.9	215	3.4	191	3.4	173	1.4	1.0	1.3	30	-0.1	999.99	0.12	RB	1
77	10	1	8	3.2	102	3.4	110	3.8	99	2.7	2.6	2.2	24	-0.5	999.99	0.37	RB	1
77	10	1	9	5.5	63	6.1	68	6.6	67	3.8	3.0	3.1	22	-0.6	999.99	0.63	RB	1
77	10	1	10	5.9	95	6.3	101	6.9	96	4.6	3.7	4.0	21	-0.7	999.99	0.84	RB	1
77	10	1	11	5.6	48	5.8	53	5.7	49	6.0	5.2	5.2	21	-0.8	999.99	0.97	RB	1
77	10	1	12	5.4	83	5.5	91	5.7	96	7.4	6.5	6.6	20	-0.8	999.99	1.05	RB	1
77	10	1	13	5.6	46	6.1	50	6.3	46	8.7	7.8	7.8	19	-0.9	999.99	1.00	RB	1
77	10	1	14	5.1	6	5.3	6	5.4	308	10.3	9.4	9.4	19	-0.9	999.99	0.91	RB	1
77	10	1	15	7.1	38	8.0	50	8.3	54	10.3	9.3	9.4	19	-0.9	999.99	0.73	RB	1

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	10	1	16	8.9	29	9.9	33	10.1	29	9.7	8.7	9.0	20	-0.7	999.99	0.48	RB 1
77	10	1	17	6.9	32	7.9	39	8.1	36	9.1	8.3	8.7	20	-0.5	999.99	0.21	RB 1
77	10	1	18	4.0	351	5.4	16	7.1	26	7.7	6.8	7.9	22	0.1	999.99	0.01	RB 1
77	10	1	19	3.9	297	3.5	326	4.1	10	7.2	5.9	7.4	22	0.2	999.99	0.01	RB 1
77	10	1	20	3.7	286	3.4	316	3.6	18	6.9	5.6	7.2	22	0.3	999.99	0.01	RB 1
77	10	1	21	3.5	276	3.2	297	1.4	333	7.1	5.4	7.3	22	0.2	999.99	0.01	RB 1
77	10	1	22	3.7	270	3.3	335	3.3	4	6.8	5.5	7.2	22	0.3	999.99	0.01	RB 1
77	10	1	23	2.3	222	2.0	115	3.0	86	6.4	3.6	6.4	23	0.0	999.99	0.01	RB 1
77	10	1	24	2.9	275	2.7	296	1.4	307	6.2	4.3	6.2	23	0.0	999.99	0.01	RB 1
77	10	2	1	2.3	258	2.0	272	1.6	217	6.4	3.6	6.4	23	0.0	999.99	0.01	RB 1
77	10	2	2	2.1	258	2.1	290	1.5	269	6.3	3.7	6.4	23	0.1	999.99	0.01	RB 1
77	10	2	3	2.5	224	2.3	351	2.5	9	5.6	3.5	5.8	23	0.2	999.99	0.01	RB 1
77	10	2	4	1.4	318	2.6	320	2.6	341	5.0	3.7	5.4	24	0.3	999.99	0.01	RB 1
77	10	2	5	1.7	203	1.6	302	1.8	259	4.8	2.1	5.1	24	0.4	999.99	0.01	RB 1
77	10	2	6	2.9	190	3.1	223	2.9	225	5.5	4.7	6.3	23	0.9	999.99	0.01	RB 1
77	10	2	7	2.3	15	2.4	196	3.1	203	5.6	5.4	6.4	22	0.8	999.99	0.14	RB 1
77	10	2	8	3.0	76	3.0	85	2.5	107	6.5	6.4	6.3	21	-0.3	999.99	0.33	RB 1
77	10	2	9	3.4	126	3.4	129	3.3	127	8.8	8.4	8.3	20	-0.5	999.99	0.53	RB 1
77	10	2	10	4.3	90	4.8	96	4.9	92	11.2	10.5	10.6	18	-0.6	999.99	0.84	RB 1
77	10	2	11	6.1	108	6.7	112	7.2	122	14.0	12.9	13.2	17	-0.8	999.99	0.97	RB 1
77	10	2	12	8.9	189	10.5	194	11.4	197	16.5	14.9	15.4	17	-1.1	999.99	1.00	RB 1
77	10	2	13	9.7	192	11.6	197	12.6	200	16.9	15.4	15.8	17	-1.1	999.99	0.90	RB 1
77	10	2	14	8.4	195	10.2	202	11.6	206	17.9	16.4	16.7	17	-1.1	999.99	0.91	RB 1
77	10	2	15	10.2	199	12.8	205	14.4	208	18.5	17.0	17.5	17	-1.0	999.99	0.70	RB 1
77	10	2	16	10.7	189	13.7	198	15.5	201	18.1	16.8	17.3	17	-0.7	999.99	0.44	RB 1
77	10	2	17	7.4	198	9.9	202	11.7	204	17.1	16.2	16.8	18	-0.3	999.99	0.14	RB 1
77	10	2	18	3.5	183	5.0	189	5.9	189	15.8	14.8	15.7	19	-0.1	999.99	0.01	RB 1
77	10	2	19	2.6	194	3.2	135	3.6	202	14.3	12.8	14.3	20	0.1	999.99	0.01	RB 1
77	10	2	20	3.5	173	4.1	179	4.4	181	13.6	12.4	13.7	20	0.1	999.99	0.01	RB 1
77	10	2	21	4.6	169	5.9	172	6.6	184	12.9	12.1	13.3	20	0.4	999.99	0.01	RB 1
77	10	2	22	3.0	105	3.8	131	4.4	221	12.4	11.3	13.4	20	1.0	999.99	0.01	RB 1
77	10	2	23	4.5	172	6.0	167	6.7	163	12.7	12.1	13.5	20	0.8	999.99	0.01	RB 1
77	10	2	24	3.2	215	3.2	162	3.8	157	13.8	12.5	14.4	20	0.5	999.99	0.01	RB 1
77	10	3	1	2.6	216	2.3	14	2.3	165	13.8	11.6	14.1	20	0.3	999.99	0.01	RB 1
77	10	3	2	2.9	245	2.7	1	2.9	181	13.3	11.4	13.6	20	0.3	999.99	0.01	RB 1
77	10	3	3	3.8	235	4.8	234	6.8	216	13.0	12.1	13.3	20	0.3	999.99	0.01	RB 1
77	10	3	4	9.4	256	10.3	244	15.8	230	13.5	12.8	14.1	19	0.6	999.99	0.01	RB 1
77	10	3	5	9.5	254	10.4	241	15.3	229	14.2	13.5	14.4	19	0.2	999.99	0.01	RB 1
77	10	3	6	9.9	250	11.2	241	15.9	229	14.4	13.5	14.4	19	0.0	999.99	0.00	RB 1
77	10	3	7	10.1	250	12.7	250	16.5	241	14.3	13.5	14.5	19	0.0	999.99	0.05	RB 1
77	10	3	8	7.8	218	9.4	217	12.4	216	15.1	14.0	14.7	19	-0.4	999.99	0.24	RB 1
77	10	3	9	12.3	195	16.4	200	19.2	204	17.2	15.8	16.5	18	-0.8	999.99	0.46	RB 1
77	10	3	10	15.7	199	20.4	202	24.0	208	18.2	16.6	17.2	17	-1.0	999.99	0.76	RB 1
77	10	3	11	14.3	211	18.4	215	24.1	216	19.4	17.6	18.2	17	-1.3	999.99	0.92	RB 1
77	10	3	12	15.7	201	20.5	207	24.9	212	20.4	18.5	19.1	16	-1.3	999.99	1.03	RB 1
77	10	3	13	15.9	201	21.2	205	25.8	209	20.8	18.8	19.6	16	-1.1	999.99	0.99	RB 1
77	10	3	14	15.1	215	18.4	218	23.6	219	20.8	19.1	19.8	16	-1.0	999.99	0.87	RB 1
77	10	3	15	13.7	213	17.2	220	22.2	219	20.7	19.3	19.8	16	-0.9	999.99	0.64	RB 1
77	10	3	16	11.9	210	15.2	215	20.7	217	20.3	19.1	19.6	17	-0.7	999.99	0.38	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	10	3	17	9.3	220	11.4	222	16.1	220	19.3	18.3	18.9	17	-0.4	999.99	0.12	RB 1
77	10	3	18	6.9	233	8.5	226	13.7	220	18.1	17.1	18.0	18	-0.0	999.99	0.01	RB 1
77	10	3	19	5.2	215	6.6	229	12.5	223	17.2	16.2	17.3	18	0.1	999.99	0.01	RB 1
77	10	3	20	6.7	257	8.0	260	9.8	234	16.1	15.4	16.6	18	0.5	999.99	0.01	RB 1
77	10	3	21	8.4	253	10.4	257	12.0	248	16.4	16.0	17.2	18	0.8	999.99	0.01	RB 1
77	10	3	22	8.3	249	9.2	254	10.5	250	16.6	16.2	17.2	18	0.6	999.99	0.01	RB 1
77	10	3	23	9.6	250	11.3	262	12.2	265	15.8	15.6	16.7	19	0.9	999.99	0.01	RB 1
77	10	3	24	7.5	262	9.6	285	10.1	290	15.4	15.2	16.3	19	0.9	999.99	0.01	RB 1
77	10	4	1	6.2	298	6.9	320	7.3	326	14.7	14.0	15.3	19	0.5	999.99	0.01	RB 1
77	10	4	2	6.2	305	6.6	331	7.8	351	12.4	11.6	12.7	20	0.5	999.99	0.01	RB 1
77	10	4	3	5.0	283	4.9	304	4.5	323	12.4	11.4	12.6	20	0.2	999.99	0.01	RB 1
77	10	4	4	4.5	279	4.1	292	3.1	289	13.0	11.7	12.9	20	-0.0	999.99	0.01	RB 1
77	10	4	5	3.7	284	3.0	306	2.1	314	12.9	11.4	13.0	20	0.2	999.99	0.01	RB 1
77	10	4	6	3.7	254	3.4	263	2.7	243	12.9	11.5	13.0	20	0.1	999.99	0.01	RB 1
77	10	4	7	7.9	255	7.8	245	9.7	223	13.6	12.8	13.8	19	0.2	999.99	0.11	RB 1
77	10	4	8	9.1	249	10.3	247	12.3	240	15.6	14.4	15.0	18	-0.6	999.99	0.37	RB 1
77	10	4	9	11.9	252	13.1	251	14.8	244	16.5	15.1	15.7	18	-0.8	999.99	0.62	RB 1
77	10	4	10	11.4	245	13.0	246	14.7	240	17.9	16.4	16.9	17	-1.0	999.99	0.84	RB 1
77	10	4	11	13.8	252	15.7	255	17.8	250	18.9	17.2	17.8	17	-1.1	999.99	0.97	RB 1
77	10	4	12	15.0	272	17.2	275	18.2	270	19.7	17.8	18.5	17	-1.2	999.99	1.03	RB 1
77	10	4	13	10.2	254	12.0	259	13.3	255	20.2	18.6	19.2	16	-1.0	999.99	0.95	RB 1
77	10	4	14	10.3	266	12.0	270	13.0	262	20.0	18.6	19.1	16	-0.9	999.99	0.61	RB 1
77	10	4	15	11.1	258	13.3	259	15.2	254	20.2	18.9	19.4	17	-0.8	999.99	0.40	RB 1
77	10	4	16	10.4	254	12.2	257	13.3	253	20.3	19.1	19.7	16	-0.6	999.99	0.32	RB 1
77	10	4	17	11.4	259	13.6	262	15.1	259	19.6	19.1	19.3	17	-0.3	999.99	0.18	RB 1
77	10	4	18	8.7	253	11.0	260	13.1	257	18.1	17.6	18.5	18	0.3	999.99	0.01	RB 1
77	10	4	19	8.3	254	9.8	253	12.3	237	17.0	16.3	17.5	18	0.5	999.99	0.00	RB 1
77	10	4	20	9.2	259	11.2	256	13.1	237	16.2	15.7	16.7	18	0.5	999.99	0.01	RB 1
77	10	4	21	8.7	255	11.0	254	12.9	241	16.6	16.0	17.0	18	0.4	999.99	0.00	RB 1
77	10	4	22	8.2	263	10.0	261	11.8	248	16.8	16.1	16.9	18	0.1	999.99	0.00	RB 1
77	10	4	23	10.2	239	12.6	243	14.9	239	16.1	15.1	15.9	18	-0.2	999.99	0.00	RB 1
77	10	4	24	8.3	212	10.8	217	13.7	219	14.9	13.9	14.6	19	-0.3	999.99	0.00	RB 1
77	10	5	1	5.1	173	6.8	182	8.7	185	12.5	11.5	12.3	23	-0.1	999.99	0.00	RB 1
77	10	5	2	3.4	252	2.9	280	2.7	12	11.8	10.7	12.2	24	0.3	999.99	0.00	RB 1
77	10	5	3	5.5	221	6.2	215	6.1	192	11.5	11.1	12.1	24	0.6	999.99	0.00	RB 1
77	10	5	4	5.5	223	7.0	228	10.9	221	10.5	9.7	10.8	38	0.3	999.99	0.00	RB 1
77	10	5	5	7.4	263	8.8	267	10.4	257	11.2	10.9	12.2	32	0.9	999.99	0.01	RB 1
77	10	5	6	3.4	296	3.8	326	4.7	326	10.4	9.3	10.8	40	0.4	999.99	0.00	RB 1
77	10	5	7	4.1	277	3.6	300	2.4	349	10.0	9.0	10.2	41	0.2	999.99	0.06	RB 1
77	10	5	8	2.8	35	2.9	48	2.5	40	10.5	9.7	10.1	38	-0.4	999.99	0.19	RB 1
77	10	5	9	3.1	113	3.3	123	3.2	167	12.1	11.7	11.5	25	-0.6	999.99	0.50	RB 1
77	10	5	10	5.9	127	6.6	135	6.6	140	14.3	13.4	13.7	19	-0.6	999.99	0.79	RB 1
77	10	5	11	8.1	213	9.8	220	10.8	222	16.4	15.3	15.6	18	-0.8	999.99	0.50	RB 1
77	10	5	12	10.6	193	13.0	203	15.5	211	15.6	14.5	14.7	19	-0.8	999.99	0.52	RB 1
77	10	5	13	10.9	235	12.7	240	15.1	236	16.8	15.8	15.5	18	-1.3	999.99	0.38	RB 1
77	10	5	14	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	5	15	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	5	16	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	5	17	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
				SPEED	DIRECT	SPEED	DIRECT	SPEED	DIRECT	10 M	30 M	60 M	HUMID	T		RAD	SITE
YR	MN	DY	HR	(MPH)	(DEGS)	(MPH)	(DEGS)	(MPH)	(DEGS)	(C)	(C)	(C)	(%)	(C)	(INCH)	(LANG)	
77	10	5	18	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	5	19	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	5	20	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	5	21	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	5	22	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	5	23	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	5	24	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	1	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	2	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	3	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	4	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	5	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	6	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	7	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	8	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	9	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	10	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	11	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	12	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	13	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	14	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	15	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	16	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	17	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	18	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	19	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	20	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	21	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	22	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	23	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	6	24	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	7	1	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	7	2	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	7	3	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	7	4	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	7	5	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	7	6	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	7	7	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	7	8	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	7	9	999.9	999	999.9	999	999.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	7	10	17.3	262	20.3	265	22.6	260	6.3	6.9	5.4	23	-0.9	999.99	0.81	RB 1
77	10	7	11	19.9	259	23.1	263	25.0	259	10.3	7.3	10.0	22	-0.3	999.99	0.95	RB 1
77	10	7	12	19.2	269	22.6	271	24.5	267	6.3	7.4	5.8	22	-0.5	999.99	0.68	RB 1
77	10	7	13	20.0	265	999.9	999	24.5	270	999.9	999.9	999.9	22	999.9	999.99	0.90	RB 1
77	10	7	14	18.0	259	999.9	999	23.5	265	999.9	999.9	999.9	21	999.9	999.99	0.90	RB 1
77	10	7	15	18.0	265	999.9	999	23.0	265	9.4	999.9	999.9	21	-0.8	999.99	0.84	RB 1
77	10	7	16	17.0	265	999.9	999	20.5	265	9.4	999.9	999.9	21	-0.8	999.99	0.54	RB 1
77	10	7	17	14.5	265	999.9	999	18.0	270	8.8	999.9	999.9	21	-0.4	999.99	0.22	RB 1
77	10	7	18	10.0	281	999.9	999	14.5	281	7.7	999.9	999.9	22	0.0	999.99	0.04	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
				SPEED	DIRECT	SPEED	DIRECT	SPEED	DIRECT	10 M	30 M	60 M	HUMID	T		RAD	SITE
YR	MN	DY	HR	(MPH)	(DEGS)	(MPH)	(DEGS)	(MPH)	(DEGS)	(C)	(C)	(C)	(%)	(C)	(INCH)	(LANG)	
77	10	7	19	9.5	286	999.9	999	14.0	297	6.7	999.9	999.9	22	0.5	999.99	0.00	RB 1
77	10	7	20	11.0	292	999.9	999	16.0	292	6.1	999.9	999.9	22	0.2	999.99	0.00	RB 1
77	10	7	21	8.0	286	999.9	999	12.5	297	4.5	999.9	999.9	23	0.6	999.99	0.00	RB 1
77	10	7	22	5.5	275	999.9	999	9.5	281	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	10	7	23	4.5	194	999.9	999	4.5	232	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	10	7	24	6.5	286	999.9	999	10.0	292	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	10	8	1	6.0	281	999.9	999	6.0	302	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	10	8	2	4.0	292	999.9	999	4.0	18	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	10	8	3	3.5	205	999.9	999	2.5	146	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	10	8	4	4.0	221	999.9	999	2.0	167	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	10	8	5	5.0	227	999.9	999	4.0	200	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	10	8	6	4.0	205	999.9	999	4.0	178	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	10	8	7	4.0	205	999.9	999	4.5	184	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	10	8	8	2.5	313	999.9	999	2.5	324	999.9	999.9	999.9	24	999.9	999.99	0.22	RB 1
77	10	8	9	6.5	61	999.9	999	7.5	56	999.9	999.9	999.9	23	999.9	999.99	0.50	RB 1
77	10	8	10	5.5	77	999.9	999	6.5	83	999.9	999.9	999.9	21	999.9	999.99	0.70	RB 1
77	10	8	11	5.0	999	999.9	999	6.0	83	999.9	999.9	999.9	21	999.9	999.99	0.88	RB 1
77	10	8	12	5.0	124	999.9	999	6.5	173	6.7	999.9	999.9	20	-0.8	999.99	0.98	RB 1
77	10	8	13	8.5	248	999.9	999	9.0	238	8.3	999.9	999.9	20	-0.9	999.99	1.00	RB 1
77	10	8	14	9.0	259	999.9	999	10.0	254	8.8	999.9	999.9	20	-0.9	999.99	0.92	RB 1
77	10	8	15	8.5	259	999.9	999	9.5	254	9.4	999.9	999.9	20	-0.9	999.99	0.76	RB 1
77	10	8	16	9.0	270	999.9	999	11.0	265	9.4	999.9	999.9	20	-0.8	999.99	0.54	RB 1
77	10	8	17	7.0	254	999.9	999	8.5	259	9.4	999.9	999.9	20	-0.5	999.99	0.30	RB 1
77	10	8	18	4.5	265	999.9	999	6.0	270	7.7	999.9	999.9	21	-0.1	999.99	0.06	RB 1
77	10	8	19	2.5	205	999.9	999	2.5	227	6.7	999.9	999.9	22	0.3	999.99	0.00	RB 1
77	10	8	20	7.0	227	999.9	999	10.0	189	5.6	999.9	999.9	22	1.2	999.99	0.00	RB 1
77	10	8	21	9.5	243	999.9	999	12.0	211	6.1	999.9	999.9	23	1.3	999.99	0.00	RB 1
77	10	8	22	10.0	248	999.9	999	12.5	227	6.1	999.9	999.9	22	0.9	999.99	0.00	RB 1
77	10	8	23	10.0	243	999.9	999	12.5	232	6.1	999.9	999.9	22	0.4	999.99	0.00	RB 1
77	10	8	24	10.0	248	999.9	999	14.0	227	6.1	999.9	999.9	22	0.6	999.99	0.00	RB 1
77	10	9	1	8.5	243	999.9	999	12.0	221	6.1	999.9	999.9	22	0.2	999.99	0.00	RB 1
77	10	9	2	6.5	216	999.9	999	8.5	211	6.1	999.9	999.9	22	0.2	999.99	0.00	RB 1
77	10	9	3	5.5	162	999.9	999	7.0	173	5.6	999.9	999.9	22	0.4	999.99	0.00	RB 1
77	10	9	4	4.0	157	999.9	999	3.5	200	5.0	999.9	999.9	23	0.3	999.99	0.00	RB 1
77	10	9	5	4.0	135	999.9	999	4.0	146	4.5	999.9	999.9	23	0.6	999.99	0.00	RB 1
77	10	9	6	4.5	162	999.9	999	5.0	157	4.5	999.9	999.9	23	0.8	999.99	0.00	RB 1
77	10	9	7	10.0	243	999.9	999	13.5	238	6.1	999.9	999.9	23	0.2	999.99	0.00	RB 1
77	10	9	8	8.5	238	999.9	999	12.5	227	7.7	999.9	999.9	22	-0.4	999.99	0.22	RB 1
77	10	9	9	6.0	221	999.9	999	8.5	227	7.7	999.9	999.9	21	-0.5	999.99	0.22	RB 1
77	10	9	10	8.0	248	999.9	999	9.5	232	999.9	999.9	999.9	21	999.9	999.99	0.50	RB 1
77	10	9	11	12.5	243	999.9	999	16.0	238	999.9	999.9	999.9	20	999.9	999.99	0.84	RB 1
77	10	9	12	11.0	238	999.9	999	13.5	238	999.9	999.9	999.9	19	999.9	999.99	1.04	RB 1
77	10	9	13	11.5	243	999.9	999	14.5	243	999.9	999.9	999.9	19	999.9	999.99	1.00	RB 1
77	10	9	14	14.5	259	999.9	999	19.0	259	999.9	999.9	999.9	19	999.9	999.99	0.82	RB 1
77	10	9	15	13.0	243	999.9	999	17.5	243	999.9	999.9	999.9	19	999.9	999.99	0.62	RB 1
77	10	9	16	9.0	200	999.9	999	12.0	216	999.9	999.9	999.9	20	999.9	999.99	0.28	RB 1
77	10	9	17	12.0	243	999.9	999	16.5	238	999.9	999.9	999.9	20	999.9	999.99	0.22	RB 1
77	10	9	18	6.5	227	999.9	999	11.0	232	999.9	999.9	999.9	20	999.9	999.99	0.06	RB 1
77	10	9	19	8.5	243	999.9	999	11.5	259	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	BITE
77	10	9	20	7.5	243	999.9	999	10.0	265	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	9	21	8.0	254	999.9	999	11.0	270	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	9	22	6.5	254	999.9	999	10.0	270	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	9	23	5.5	221	999.9	999	7.0	248	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	9	24	8.0	243	999.9	999	13.5	259	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	10	1	13.5	259	999.9	999	19.5	265	999.9	999.9	999.9	22	999.9	999.99	0.00	RB 1
77	10	10	2	13.5	259	999.9	999	19.5	265	999.9	999.9	999.9	22	999.9	999.99	0.00	RB 1
77	10	10	3	14.5	265	999.9	999	22.5	270	999.9	999.9	999.9	22	999.9	999.99	0.00	RB 1
77	10	10	4	14.5	270	999.9	999	22.0	275	999.9	999.9	999.9	22	999.9	999.99	0.00	RB 1
77	10	10	5	11.0	270	999.9	999	19.0	275	999.9	999.9	999.9	22	999.9	999.99	0.00	RB 1
77	10	10	6	9.0	270	999.9	999	14.5	281	999.9	999.9	999.9	22	999.9	999.99	0.00	RB 1
77	10	10	7	8.0	302	999.9	999	13.0	302	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	10	10	8	13.0	302	999.9	999	17.5	302	999.9	999.9	999.9	23	999.9	999.99	0.06	RB 1
77	10	10	9	11.0	270	999.9	999	15.0	275	999.9	999.9	999.9	23	999.9	999.99	0.14	RB 1
77	10	10	10	10.5	281	999.9	999	12.5	286	999.9	999.9	999.9	23	999.9	999.99	0.34	RB 1
77	10	10	11	10.0	340	999.9	999	11.5	335	999.9	999.9	999.9	23	999.9	999.99	0.40	RB 1
77	10	10	12	14.5	13	999.9	999	16.5	18	999.9	999.9	999.9	24	999.9	999.99	0.22	RB 1
77	10	10	13	12.0	34	999.9	999	14.0	34	999.9	999.9	999.9	25	999.9	999.99	0.60	RB 1
77	10	10	14	13.0	29	999.9	999	15.0	29	999.9	999.9	999.9	24	999.9	999.99	0.44	RB 1
77	10	10	15	99.9	999	999.9	999	17.0	18	999.9	999.9	999.9	26	999.9	999.99	0.34	RB 1
77	10	10	16	12.0	40	999.9	999	16.0	29	999.9	999.9	999.9	25	999.9	999.99	0.22	RB 1
77	10	10	17	14.5	34	999.9	999	16.5	43	999.9	999.9	999.9	25	999.9	999.99	0.16	RB 1
77	10	10	18	7.0	72	999.9	999	10.0	76	999.9	999.9	999.9	27	999.9	999.99	0.00	RB 1
77	10	10	19	5.5	104	999.9	999	6.5	130	999.9	999.9	999.9	32	999.9	999.99	0.00	RB 1
77	10	10	20	3.5	151	999.9	999	5.5	151	999.9	999.9	999.9	44	999.9	999.99	0.00	RB 1
77	10	10	21	4.0	167	999.9	999	7.0	151	999.9	999.9	999.9	46	999.9	999.99	0.00	RB 1
77	10	10	22	3.5	167	999.9	999	6.0	135	999.9	999.9	999.9	42	999.9	999.99	0.00	RB 1
77	10	10	23	3.0	200	999.9	999	3.5	108	999.9	999.9	999.9	39	999.9	999.99	0.00	RB 1
77	10	10	24	3.0	281	999.9	999	2.0	70	999.9	999.9	999.9	35	999.9	999.99	0.00	RB 1
77	10	11	1	3.0	243	999.9	999	0.0	0	999.9	999.9	999.9	31	999.9	999.99	0.00	RB 1
77	10	11	2	2.5	216	999.9	999	0.5	205	999.9	999.9	999.9	30	999.9	999.99	0.00	RB 1
77	10	11	3	2.0	162	999.9	999	1.0	151	999.9	999.9	999.9	27	999.9	999.99	0.00	RB 1
77	10	11	4	2.0	243	999.9	999	1.0	184	999.9	999.9	999.9	27	999.9	999.99	0.00	RB 1
77	10	11	5	4.0	227	999.9	999	2.0	200	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	10	11	6	4.5	243	999.9	999	1.0	243	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	10	11	7	2.0	113	999.9	999	0.0	0	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	10	11	8	2.5	50	999.9	999	1.0	194	999.9	999.9	999.9	25	999.9	999.99	0.20	RB 1
77	10	11	9	4.0	72	999.9	999	3.5	92	999.9	999.9	999.9	23	999.9	999.99	0.46	RB 1
77	10	11	10	5.0	67	999.9	999	6.0	67	999.9	999.9	999.9	22	999.9	999.99	0.68	RB 1
77	10	11	11	5.0	999	999.9	999	4.5	999	999.9	999.9	999.9	21	999.9	999.99	0.86	RB 1
77	10	11	12	10.0	351	999.9	999	11.5	351	999.9	999.9	999.9	22	999.9	999.99	0.96	RB 1
77	10	11	13	10.5	346	999.9	999	12.0	346	999.9	999.9	999.9	22	999.9	999.99	0.98	RB 1
77	10	11	14	10.0	329	999.9	999	12.0	335	999.9	999.9	999.9	22	999.9	999.99	0.90	RB 1
77	10	11	15	6.5	999	999.9	999	8.0	92	999.9	999.9	999.9	21	999.9	999.99	0.74	RB 1
77	10	11	16	6.0	77	999.9	999	7.0	81	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	11	17	4.5	88	999.9	999	5.5	97	999.9	999.9	999.9	20	999.9	999.99	0.22	RB 1
77	10	11	18	5.0	97	999.9	999	6.0	81	999.9	999.9	999.9	22	999.9	999.99	0.00	RB 1
77	10	11	19	4.0	184	999.9	999	3.0	151	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	10	11	20	5.0	216	999.9	999	5.0	184	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	10	11	21	5.5	216	999.9	999	5.5	189	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	10	11	22	5.5	216	999.9	999	5.0	184	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	10	11	23	3.5	221	999.9	999	3.5	184	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	10	11	24	5.5	227	999.9	999	5.5	194	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	10	12	1	5.0	227	999.9	999	4.5	200	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	10	12	2	5.0	227	999.9	999	4.0	200	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	10	12	3	4.0	194	999.9	999	4.0	227	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	10	12	4	3.0	297	999.9	999	2.5	173	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	10	12	5	2.0	232	999.9	999	2.0	184	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	10	12	6	1.0	108	999.9	999	1.5	189	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	10	12	7	2.0	324	999.9	999	2.0	286	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	10	12	8	3.0	56	999.9	999	1.5	92	999.9	999.9	999.9	23	999.9	999.99	0.18	RB 1
77	10	12	9	3.5	50	999.9	999	3.5	86	999.9	999.9	999.9	21	999.9	999.99	0.42	RB 1
77	10	12	10	5.0	72	999.9	999	5.5	94	999.9	999.9	999.9	20	999.9	999.99	0.64	RB 1
77	10	12	11	6.5	113	999.9	999	6.5	119	999.9	999.9	999.9	19	999.9	999.99	0.84	RB 1
77	10	12	12	5.5	140	999.9	999	6.0	162	999.9	999.9	999.9	18	999.9	999.99	0.94	RB 1
77	10	12	13	6.5	113	999.9	999	7.0	113	999.9	999.9	999.9	18	999.9	999.99	0.94	RB 1
77	10	12	14	6.0	119	999.9	999	5.5	113	999.9	999.9	999.9	18	999.9	999.99	0.78	RB 1
77	10	12	15	5.0	351	999.9	999	4.5	351	999.9	999.9	999.9	18	999.9	999.99	0.72	RB 1
77	10	12	16	6.0	254	999.9	999	7.0	243	999.9	999.9	999.9	18	999.9	999.99	0.52	RB 1
77	10	12	17	6.0	259	999.9	999	8.0	270	999.9	999.9	999.9	18	999.9	999.99	0.26	RB 1
77	10	12	18	4.0	211	999.9	999	4.0	200	999.9	999.9	999.9	20	999.9	999.99	0.06	RB 1
77	10	12	19	5.0	211	999.9	999	6.5	189	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	12	20	5.0	227	999.9	999	4.5	194	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	12	21	4.0	205	999.9	999	2.5	162	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	12	22	2.0	259	999.9	999	1.0	97	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	12	23	3.5	265	999.9	999	2.5	270	999.9	999.9	999.9	22	999.9	999.99	0.00	RB 1
77	10	12	24	3.5	243	999.9	999	3.0	270	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	13	1	4.5	232	999.9	999	5.0	232	999.9	999.9	999.9	22	999.9	999.99	0.00	RB 1
77	10	13	2	2.5	216	999.9	999	3.0	221	999.9	999.9	999.9	22	999.9	999.99	0.00	RB 1
77	10	13	3	2.0	119	999.9	999	4.5	189	999.9	999.9	999.9	22	999.9	999.99	0.00	RB 1
77	10	13	4	2.0	135	999.9	999	3.5	167	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	10	13	5	2.5	999	999.9	999	3.0	167	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	10	13	6	3.0	270	999.9	999	2.0	221	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	10	13	7	3.5	324	999.9	999	3.0	319	999.9	999.9	999.9	22	999.9	999.99	0.00	RB 1
77	10	13	8	2.5	72	999.9	999	2.0	94	999.9	999.9	999.9	21	999.9	999.99	0.18	RB 1
77	10	13	9	4.0	76	999.9	999	4.5	99	999.9	999.9	999.9	19	999.9	999.99	0.40	RB 1
77	10	13	10	4.5	67	999.9	999	5.0	72	999.9	999.9	999.9	19	999.9	999.99	0.64	RB 1
77	10	13	11	5.0	56	999.9	999	5.5	56	999.9	999.9	999.9	18	999.9	999.99	0.82	RB 1
77	10	13	12	7.0	23	999.9	999	8.0	40	999.9	999.9	999.9	17	999.9	999.99	0.92	RB 1
77	10	13	13	10.5	18	999.9	999	11.5	18	999.9	999.9	999.9	18	999.9	999.99	0.94	RB 1
77	10	13	14	7.5	13	999.9	999	9.0	18	999.9	999.9	999.9	18	999.9	999.99	0.88	RB 1
77	10	13	15	3.5	999	999.9	999	99.9	999	999.9	999.9	999.9	18	999.9	999.99	0.70	RB 1
77	10	13	16	4.5	313	999.9	999	4.5	324	999.9	999.9	999.9	17	999.9	999.99	0.50	RB 1
77	10	13	17	3.5	324	999.9	999	4.5	340	999.9	999.9	999.9	18	999.9	999.99	0.26	RB 1
77	10	13	18	3.0	270	999.9	999	4.0	319	999.9	999.9	999.9	19	999.9	999.99	0.06	RB 1
77	10	13	19	5.0	259	999.9	999	3.5	275	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	13	20	6.5	243	999.9	999	4.5	238	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	13	21	5.5	270	999.9	999	3.5	286	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFFGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	10	13	22	6.0	302	999.9	999	6.5	340	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	13	23	2.0	121	999.9	999	3.5	94	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	13	24	3.0	286	999.9	999	2.5	329	999.9	999.9	999.9	22	999.9	999.99	0.00	RB 1
77	10	14	1	3.0	281	999.9	999	2.0	88	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	14	2	3.5	281	999.9	999	3.5	346	999.9	999.9	999.9	22	999.9	999.99	0.00	RB 1
77	10	14	3	3.5	302	999.9	999	2.5	356	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	14	4	3.5	297	999.9	999	1.5	335	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	14	5	3.5	270	999.9	999	2.0	248	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	14	6	3.0	259	999.9	999	1.5	232	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	14	7	3.0	270	999.9	999	2.0	275	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	14	8	2.5	135	999.9	999	2.5	151	999.9	999.9	999.9	20	999.9	999.99	0.14	RB 1
77	10	14	9	4.5	130	999.9	999	4.5	70	999.9	999.9	999.9	18	999.9	999.99	0.38	RB 1
77	10	14	10	5.0	65	999.9	999	6.5	70	999.9	999.9	999.9	18	999.9	999.99	0.64	RB 1
77	10	14	11	7.0	72	999.9	999	8.5	76	14.3	999.9	999.9	18	-0.9	999.99	0.80	RB 1
77	10	14	12	8.5	45	999.9	999	10.0	65	14.8	999.9	999.9	17	-0.8	999.99	0.90	RB 1
77	10	14	13	6.0	351	999.9	999	7.5	999	15.9	999.9	999.9	17	-0.9	999.99	0.92	RB 1
77	10	14	14	8.5	335	999.9	999	10.5	335	16.5	999.9	999.9	17	-1.0	999.99	0.86	RB 1
77	10	14	15	8.0	340	999.9	999	9.0	346	15.9	999.9	999.9	18	-0.9	999.99	0.70	RB 1
77	10	14	16	9.0	340	999.9	999	10.5	340	15.9	999.9	999.9	18	-0.8	999.99	0.48	RB 1
77	10	14	17	8.0	18	999.9	999	10.0	23	14.8	999.9	999.9	18	-0.5	999.99	0.26	RB 1
77	10	14	18	5.5	297	999.9	999	6.0	346	13.2	999.9	999.9	19	0.5	999.99	0.04	RB 1
77	10	14	19	7.5	292	999.9	999	7.0	335	12.6	999.9	999.9	20	1.0	999.99	0.00	RB 1
77	10	14	20	7.5	292	999.9	999	8.0	346	12.6	999.9	999.9	20	1.3	999.99	0.00	RB 1
77	10	14	21	8.0	297	999.9	999	10.0	346	11.6	999.9	999.9	20	2.0	999.99	0.00	RB 1
77	10	14	22	8.0	292	999.9	999	10.0	335	10.5	999.9	999.9	20	2.2	999.99	0.00	RB 1
77	10	14	23	4.0	286	999.9	999	4.5	2	11.0	999.9	999.9	21	1.3	999.99	0.00	RB 1
77	10	14	24	5.0	297	999.9	999	4.5	13	11.0	999.9	999.9	21	0.9	999.99	0.00	RB 1
77	10	15	1	4.0	313	999.9	999	5.5	346	9.9	999.9	999.9	21	-0.1	999.99	0.00	RB 1
77	10	15	2	4.0	346	999.9	999	5.5	13	8.8	999.9	999.9	21	0.2	999.99	0.00	RB 1
77	10	15	3	4.0	178	999.9	999	3.5	99	6.7	999.9	999.9	22	0.3	999.99	0.00	RB 1
77	10	15	4	4.5	189	999.9	999	3.0	162	6.1	999.9	999.9	23	0.6	999.99	0.00	RB 1
77	10	15	5	5.0	221	999.9	999	3.0	162	6.1	999.9	999.9	22	0.9	999.99	0.00	RB 1
77	10	15	6	4.0	270	999.9	999	3.0	315	7.2	999.9	999.9	23	0.1	999.99	0.00	RB 1
77	10	15	7	4.0	292	999.9	999	4.0	324	7.2	999.9	999.9	23	0.2	999.99	0.00	RB 1
77	10	15	8	2.5	119	999.9	999	2.5	340	8.8	999.9	999.9	22	-0.3	999.99	0.16	RB 1
77	10	15	9	4.0	70	999.9	999	3.0	72	9.4	999.9	999.9	19	-0.4	999.99	0.40	RB 1
77	10	15	10	3.5	56	999.9	999	3.5	72	11.6	999.9	999.9	18	-0.5	999.99	0.62	RB 1
77	10	15	11	5.0	72	999.9	999	5.5	72	13.2	999.9	999.9	17	-0.7	999.99	0.80	RB 1
77	10	15	12	5.5	56	999.9	999	6.0	61	14.3	999.9	999.9	17	-0.8	999.99	0.90	RB 1
77	10	15	13	4.5	81	999.9	999	5.0	61	15.4	999.9	999.9	16	-0.8	999.99	0.92	RB 1
77	10	15	14	5.0	18	999.9	999	5.0	67	16.5	999.9	999.9	16	-0.7	999.99	0.86	RB 1
77	10	15	15	5.5	351	999.9	999	6.5	340	17.0	999.9	999.9	16	-0.8	999.99	0.72	RB 1
77	10	15	16	9.0	340	999.9	999	9.5	340	16.5	999.9	999.9	18	-0.8	999.99	0.54	RB 1
77	10	15	17	5.0	7	999.9	999	6.0	2	14.8	999.9	999.9	19	-0.3	999.99	0.28	RB 1
77	10	15	18	4.0	259	999.9	999	4.0	270	13.2	999.9	999.9	19	0.4	999.99	0.06	RB 1
77	10	15	19	6.5	216	999.9	999	6.5	189	13.2	999.9	999.9	20	0.3	999.99	0.00	RB 1
77	10	15	20	6.0	216	999.9	999	5.0	184	13.2	999.9	999.9	20	0.1	999.99	0.00	RB 1
77	10	15	21	5.0	205	999.9	999	5.5	178	12.6	999.9	999.9	20	0.4	999.99	0.00	RB 1
77	10	15	22	4.0	205	999.9	999	5.0	184	12.6	999.9	999.9	20	0.4	999.99	0.00	RB 1

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	10	15	23	3.0	270	999.9	999	2.5	216	12.6	999.9	999.9	20	0.3	999.99	0.00	RB 1
77	10	15	24	6.0	254	999.9	999	6.5	259	12.6	999.9	999.9	20	0.9	999.99	0.00	RB 1
77	10	16	1	10.0	243	999.9	999	9.0	248	13.7	999.9	999.9	20	0.4	999.99	0.00	RB 1
77	10	16	2	10.5	248	999.9	999	9.5	243	13.2	999.9	999.9	20	0.7	999.99	0.00	RB 1
77	10	16	3	12.0	248	999.9	999	12.5	243	12.6	999.9	999.9	20	0.9	999.99	0.00	RB 1
77	10	16	4	13.0	248	999.9	999	14.0	238	12.1	999.9	999.9	20	1.3	999.99	0.00	RB 1
77	10	16	5	12.5	243	999.9	999	14.0	232	11.6	999.9	999.9	20	1.1	999.99	0.00	RB 1
77	10	16	6	11.5	238	999.9	999	14.5	232	11.0	999.9	999.9	20	0.5	999.99	0.00	RB 1
77	10	16	7	11.0	248	999.9	999	15.0	238	11.0	999.9	999.9	21	0.4	999.99	0.00	RB 1
77	10	16	8	4.0	999	999.9	999	5.5	238	12.6	999.9	999.9	20	-0.1	999.99	0.16	RB 1
77	10	16	9	9.0	254	999.9	999	9.5	248	999.9	999.9	999.9	19	999.9	999.99	0.40	RB 1
77	10	16	10	8.0	243	999.9	999	9.5	243	999.9	999.9	999.9	18	999.9	999.99	0.64	RB 1
77	10	16	11	11.0	254	999.9	999	13.0	259	999.9	999.9	999.9	18	999.9	999.99	0.80	RB 1
77	10	16	12	10.5	254	999.9	999	12.5	248	999.9	999.9	999.9	18	999.9	999.99	0.90	RB 1
77	10	16	13	11.5	270	999.9	999	13.0	270	999.9	999.9	999.9	18	999.9	999.99	0.92	RB 1
77	10	16	14	10.0	254	999.9	999	12.5	254	999.9	999.9	999.9	18	999.9	999.99	0.86	RB 1
77	10	16	15	9.5	270	999.9	999	11.0	259	999.9	999.9	999.9	17	999.9	999.99	0.70	RB 1
77	10	16	16	9.5	286	999.9	999	11.0	286	999.9	999.9	999.9	17	999.9	999.99	0.50	RB 1
77	10	16	17	7.0	281	999.9	999	8.5	292	999.9	999.9	999.9	18	999.9	999.99	0.20	RB 1
77	10	16	18	7.0	259	999.9	999	8.5	286	999.9	999.9	999.9	19	999.9	999.99	0.06	RB 1
77	10	16	19	9.5	238	999.9	999	13.5	248	999.9	999.9	999.9	19	999.9	999.99	0.00	RB 1
77	10	16	20	13.5	243	999.9	999	18.0	248	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	16	21	13.5	243	999.9	999	15.5	248	999.9	999.9	999.9	19	999.9	999.99	0.00	RB 1
77	10	16	22	13.5	243	999.9	999	17.0	248	999.9	999.9	999.9	19	999.9	999.99	0.00	RB 1
77	10	16	23	12.0	254	999.9	999	18.0	265	999.9	999.9	999.9	19	999.9	999.99	0.00	RB 1
77	10	16	24	10.0	265	999.9	999	17.0	270	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	17	1	4.0	103	999.9	999	4.0	999	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	17	2	3.0	254	999.9	999	3.0	104	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	17	3	4.5	254	999.9	999	3.0	265	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	17	4	4.5	265	999.9	999	4.0	302	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	17	5	2.0	232	999.9	999	1.0	178	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	17	6	2.0	216	999.9	999	2.5	178	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	17	7	4.5	227	999.9	999	4.5	194	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	17	8	2.5	29	999.9	999	2.0	135	999.9	999.9	999.9	20	999.9	999.99	0.14	RB 1
77	10	17	9	4.0	72	999.9	999	3.5	103	999.9	999.9	999.9	18	999.9	999.99	0.42	RB 1
77	10	17	10	4.5	72	999.9	999	4.0	92	999.9	999.9	999.9	17	999.9	999.99	0.60	RB 1
77	10	17	11	3.5	77	999.9	999	4.0	92	999.9	999.9	999.9	17	999.9	999.99	0.56	RB 1
77	10	17	12	5.0	140	999.9	999	5.0	162	999.9	999.9	999.9	16	999.9	999.99	0.90	RB 1
77	10	17	13	8.0	259	999.9	999	9.0	259	999.9	999.9	999.9	16	999.9	999.99	0.90	RB 1
77	10	17	14	9.0	281	999.9	999	10.5	281	999.9	999.9	999.9	17	999.9	999.99	0.86	RB 1
77	10	17	15	10.0	297	999.9	999	12.5	297	999.9	999.9	999.9	17	999.9	999.99	0.70	RB 1
77	10	17	16	10.0	292	999.9	999	12.0	292	999.9	999.9	999.9	18	999.9	999.99	0.48	RB 1
77	10	17	17	8.5	270	999.9	999	11.5	281	999.9	999.9	999.9	18	999.9	999.99	0.24	RB 1
77	10	17	18	10.5	254	999.9	999	14.0	265	999.9	999.9	999.9	19	999.9	999.99	0.04	RB 1
77	10	17	19	9.5	265	999.9	999	11.0	281	999.9	999.9	999.9	19	999.9	999.99	0.00	RB 1
77	10	17	20	7.5	286	999.9	999	7.0	324	999.9	999.9	999.9	19	999.9	999.99	0.00	RB 1
77	10	17	21	7.5	292	999.9	999	6.5	335	999.9	999.9	999.9	19	999.9	999.99	0.00	RB 1
77	10	17	22	3.5	275	999.9	999	2.5	351	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	17	23	4.0	292	999.9	999	2.0	340	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	10	17	24	3.5	232	999.9	999	3.5	308	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	18	1	4.0	308	999.9	999	3.5	324	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	18	2	4.5	297	999.9	999	4.0	340	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	18	3	6.0	297	999.9	999	6.5	340	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	18	4	2.5	297	999.9	999	1.5	45	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	18	5	1.5	286	999.9	999	1.0	29	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	18	6	1.0	194	999.9	999	2.0	340	999.9	999.9	999.9	22	999.9	999.99	0.00	RB 1
77	10	18	7	1.5	135	999.9	999	1.0	297	999.9	999.9	999.9	22	999.9	999.99	0.00	RB 1
77	10	18	8	2.0	65	999.9	999	1.0	135	999.9	999.9	999.9	21	999.9	999.99	0.14	RB 1
77	10	18	9	4.0	65	999.9	999	3.5	92	999.9	999.9	999.9	18	999.9	999.99	0.38	RB 1
77	10	18	10	5.0	76	999.9	999	5.5	92	999.9	999.9	999.9	17	999.9	999.99	0.60	RB 1
77	10	18	11	8.0	243	999.9	999	10.0	243	999.9	999.9	999.9	17	999.9	999.99	0.80	RB 1
77	10	18	12	10.0	243	999.9	999	12.0	238	999.9	999.9	999.9	17	999.9	999.99	0.90	RB 1
77	10	18	13	10.5	243	999.9	999	13.0	238	999.9	999.9	999.9	17	999.9	999.99	0.92	RB 1
77	10	18	14	13.5	270	999.9	999	17.0	270	999.9	999.9	999.9	17	999.9	999.99	0.86	RB 1
77	10	18	15	12.0	281	999.9	999	14.5	281	999.9	999.9	999.9	18	999.9	999.99	0.70	RB 1
77	10	18	16	9.0	286	999.9	999	10.5	286	999.9	999.9	999.9	17	999.9	999.99	0.48	RB 1
77	10	18	17	9.0	281	999.9	999	11.0	292	999.9	999.9	999.9	18	999.9	999.99	0.24	RB 1
77	10	18	18	10.0	259	999.9	999	11.0	270	999.9	999.9	999.9	19	999.9	999.99	0.00	RB 1
77	10	18	19	11.0	232	999.9	999	12.0	232	999.9	999.9	999.9	19	999.9	999.99	0.00	RB 1
77	10	18	20	9.5	238	999.9	999	9.5	227	999.9	999.9	999.9	19	999.9	999.99	0.00	RB 1
77	10	18	21	9.0	227	999.9	999	8.0	227	999.9	999.9	999.9	19	999.9	999.99	0.00	RB 1
77	10	18	22	10.0	243	999.9	999	10.0	227	999.9	999.9	999.9	19	999.9	999.99	0.00	RB 1
77	10	18	23	11.5	254	999.9	999	12.0	254	999.9	999.9	999.9	19	999.9	999.99	0.00	RB 1
77	10	18	24	12.0	259	999.9	999	17.5	265	999.9	999.9	999.9	19	999.9	999.99	0.00	RB 1
77	10	19	1	11.0	259	999.9	999	15.5	275	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	19	2	11.0	248	999.9	999	12.0	248	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	19	3	10.0	248	999.9	999	10.5	248	999.9	999.9	999.9	19	999.9	999.99	0.00	RB 1
77	10	19	4	10.5	238	999.9	999	10.5	232	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	19	5	13.0	243	999.9	999	13.0	238	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	19	6	13.5	248	999.9	999	15.0	243	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	19	7	12.0	243	999.9	999	13.5	238	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	19	8	7.0	248	999.9	999	9.0	232	999.9	999.9	999.9	20	999.9	999.99	0.14	RB 1
77	10	19	9	12.0	259	999.9	999	14.5	254	999.9	999.9	999.9	19	999.9	999.99	0.38	RB 1
77	10	19	10	12.0	259	999.9	999	14.0	259	999.9	999.9	999.9	18	999.9	999.99	0.60	RB 1
77	10	19	11	11.0	259	999.9	999	12.5	254	999.9	999.9	999.9	18	999.9	999.99	0.78	RB 1
77	10	19	12	9.0	248	999.9	999	10.0	243	999.9	999.9	999.9	18	999.9	999.99	0.88	RB 1
77	10	19	13	7.5	270	999.9	999	8.0	270	999.9	999.9	999.9	18	999.9	999.99	0.60	RB 1
77	10	19	14	9.5	275	999.9	999	11.0	275	999.9	999.9	999.9	18	999.9	999.99	0.70	RB 1
77	10	19	15	8.0	270	999.9	999	9.0	259	999.9	999.9	999.9	18	999.9	999.99	0.60	RB 1
77	10	19	16	6.5	221	999.9	999	8.0	232	999.9	999.9	999.9	18	999.9	999.99	0.42	RB 1
77	10	19	17	5.0	232	999.9	999	10.0	221	999.9	999.9	999.9	18	999.9	999.99	0.16	RB 1
77	10	19	18	5.0	227	999.9	999	12.5	221	999.9	999.9	999.9	19	999.9	999.99	0.00	RB 1
77	10	19	19	8.0	243	999.9	999	14.0	221	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	19	20	9.5	265	999.9	999	13.5	248	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	19	21	12.0	248	999.9	999	16.0	248	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	19	22	11.5	248	999.9	999	12.0	243	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	19	23	10.0	248	999.9	999	9.0	248	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	19	24	7.5	248	999.9	999	7.5	248	999.9	999.9	999.9	19	999.9	999.99	0.00	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		------TEMPERATURE------			REL	DELTA	PREC	SOL	SITE
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	
77	10	20	1	2.5	49	999.9	999	4.0	221	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	20	2	3.5	308	999.9	999	3.0	29	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	20	3	2.5	313	999.9	999	3.0	45	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	20	4	3.5	302	999.9	999	4.0	2	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	20	5	2.0	238	999.9	999	1.5	34	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	20	6	4.0	248	999.9	999	7.0	227	999.9	999.9	999.9	21	999.9	999.99	0.00	RB 1
77	10	20	7	15.5	216	999.9	999	25.0	221	999.9	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	20	8	15.5	178	999.9	999	22.0	184	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	10	20	9	11.5	157	999.9	999	15.0	157	999.9	999.9	999.9	24	999.9	999.99	0.12	RB 1
77	10	20	10	11.0	162	999.9	999	14.0	162	999.9	999.9	999.9	22	999.9	999.99	0.52	RB 1
77	10	20	11	12.0	184	999.9	999	15.5	194	999.9	999.9	999.9	20	999.9	999.99	0.62	RB 1
77	10	20	12	13.0	200	999.9	999	19.0	205	999.9	999.9	999.9	19	999.9	999.99	0.74	RB 1
77	10	20	13	14.0	200	999.9	999	20.0	205	999.9	999.9	999.9	19	999.9	999.99	1.04	RB 1
77	10	20	14	14.0	189	999.9	999	20.0	200	999.9	999.9	999.9	19	999.9	999.99	0.92	RB 1
77	10	20	15	12.0	200	999.9	999	17.0	211	999.9	999.9	999.9	19	999.9	999.99	0.50	RB 1
77	10	20	16	12.0	232	999.9	999	18.0	227	999.9	999.9	999.9	24	999.9	999.99	0.06	RB 1
77	10	20	17	9.5	216	999.9	999	13.5	216	999.9	999.9	999.9	36	999.9	999.99	0.10	RB 1
77	10	20	18	6.5	232	999.9	999	12.5	216	999.9	999.9	999.9	28	999.9	999.99	0.00	RB 1
77	10	20	19	10.0	259	999.9	999	14.5	259	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	10	20	20	13.0	265	999.9	999	17.5	270	999.9	999.9	999.9	34	999.9	999.99	0.00	RB 1
77	10	20	21	8.0	243	999.9	999	13.0	248	999.9	999.9	999.9	51	999.9	999.99	0.00	RB 1
77	10	20	22	4.0	162	999.9	999	7.0	167	999.9	999.9	999.9	46	999.9	999.99	0.00	RB 1
77	10	20	23	2.5	340	999.9	999	4.0	135	999.9	999.9	999.9	53	999.9	999.99	0.00	RB 1
77	10	20	24	3.0	13	999.9	999	5.5	146	999.9	999.9	999.9	51	999.9	999.99	0.00	RB 1
77	10	21	1	4.0	184	999.9	999	6.0	151	999.9	999.9	999.9	50	999.9	999.99	0.00	RB 1
77	10	21	2	3.0	281	999.9	999	2.0	184	999.9	999.9	999.9	51	999.9	999.99	0.00	RB 1
77	10	21	3	3.0	297	999.9	999	3.0	194	999.9	999.9	999.9	48	999.9	999.99	0.00	RB 1
77	10	21	4	4.5	248	999.9	999	6.5	243	999.9	999.9	999.9	47	999.9	999.99	0.00	RB 1
77	10	21	5	3.5	232	999.9	999	6.0	216	999.9	999.9	999.9	46	999.9	999.99	0.00	RB 1
77	10	21	6	4.5	216	999.9	999	8.0	238	999.9	999.9	999.9	47	999.9	999.99	0.00	RB 1
77	10	21	7	5.5	259	999.9	999	8.0	243	999.9	999.9	999.9	48	999.9	999.99	0.00	RB 1
77	10	21	8	4.0	211	999.9	999	6.5	221	999.9	999.9	999.9	50	999.9	999.99	0.06	RB 1
77	10	21	9	5.0	248	999.9	999	5.5	243	999.9	999.9	999.9	47	999.9	999.99	0.14	RB 1
77	10	21	10	6.0	243	999.9	999	6.5	243	999.9	999.9	999.9	44	999.9	999.99	0.24	RB 1
77	10	21	11	7.0	254	999.9	999	7.0	227	999.9	999.9	999.9	37	999.9	999.99	0.46	RB 1
77	10	21	12	6.5	18	999.9	999	7.0	2	999.9	999.9	999.9	30	999.9	999.99	0.60	RB 1
77	10	21	13	5.0	61	999.9	999	7.5	119	999.9	999.9	999.9	40	999.9	999.99	0.22	RB 1
77	10	21	14	8.0	324	999.9	999	9.0	313	999.9	999.9	999.9	42	999.9	999.99	0.14	RB 1
77	10	21	15	7.0	7	999.9	999	7.0	2	999.9	999.9	999.9	38	999.9	999.99	0.70	RB 1
77	10	21	16	5.0	94	999.9	999	5.0	88	999.9	999.9	999.9	37	999.9	999.99	0.26	RB 1
77	10	21	17	4.5	124	999.9	999	5.0	130	999.9	999.9	999.9	45	999.9	999.99	0.10	RB 1
77	10	21	18	3.5	108	999.9	999	5.5	97	999.9	999.9	999.9	53	999.9	999.99	0.00	RB 1
77	10	21	19	4.5	297	999.9	999	4.0	340	999.9	999.9	999.9	65	999.9	999.99	0.00	RB 1
77	10	21	20	3.5	270	999.9	999	2.5	292	999.9	999.9	999.9	68	999.9	999.99	0.00	RB 1
77	10	21	21	3.5	286	999.9	999	2.5	29	999.9	999.9	999.9	56	999.9	999.99	0.00	RB 1
77	10	21	22	2.5	248	999.9	999	2.0	248	999.9	999.9	999.9	53	999.9	999.99	0.00	RB 1
77	10	21	23	4.5	292	999.9	999	3.5	329	999.9	999.9	999.9	51	999.9	999.99	0.00	RB 1
77	10	21	24	4.0	297	999.9	999	3.5	7	999.9	999.9	999.9	50	999.9	999.99	0.00	RB 1
77	10	22	1	4.5	308	999.9	999	5.5	2	999.9	999.9	999.9	52	999.9	999.99	0.00	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	10	22	2	5.0	297	999.9	999	4.5	351	999.9	999.9	999.9	59	999.9	999.99	0.00	RB 1
77	10	22	3	6.0	308	999.9	999	7.0	346	999.9	999.9	999.9	60	999.9	999.99	0.00	RB 1
77	10	22	4	4.0	286	999.9	999	5.0	351	999.9	999.9	999.9	60	999.9	999.99	0.00	RB 1
77	10	22	5	3.5	275	999.9	999	3.0	302	999.9	999.9	999.9	64	999.9	999.99	0.00	RB 1
77	10	22	6	5.0	286	999.9	999	3.5	297	999.9	999.9	999.9	68	999.9	999.99	0.00	RB 1
77	10	22	7	4.5	286	999.9	999	3.5	319	999.9	999.9	999.9	65	999.9	999.99	0.00	RB 1
77	10	22	8	4.0	351	999.9	999	4.0	2	999.9	999.9	999.9	58	999.9	999.99	0.12	RB 1
77	10	22	9	3.5	67	999.9	999	3.0	83	999.9	999.9	999.9	43	999.9	999.99	0.34	RB 1
77	10	22	10	4.5	72	999.9	999	5.5	56	5.6	999.9	999.9	26	-0.4	999.99	0.60	RB 1
77	10	22	11	5.5	67	999.9	999	7.0	61	6.1	999.9	999.9	23	-0.6	999.99	0.76	RB 1
77	10	22	12	7.0	56	999.9	999	8.5	61	7.2	999.9	999.9	24	-0.9	999.99	0.84	RB 1
77	10	22	13	6.0	61	999.9	999	7.0	67	8.3	999.9	999.9	24	-0.8	999.99	0.84	RB 1
77	10	22	14	6.5	45	999.9	999	7.5	50	9.4	999.9	999.9	21	-0.8	999.99	0.78	RB 1
77	10	22	15	6.5	50	999.9	999	8.0	56	9.4	999.9	999.9	20	-0.6	999.99	0.62	RB 1
77	10	22	16	6.5	45	999.9	999	8.0	45	9.4	999.9	999.9	20	-0.5	999.99	0.42	RB 1
77	10	22	17	5.5	50	999.9	999	7.0	45	8.3	999.9	999.9	21	-0.1	999.99	0.18	RB 1
77	10	22	18	2.5	292	999.9	999	4.5	56	7.7	999.9	999.9	26	0.3	999.99	0.00	RB 1
77	10	22	19	3.5	281	999.9	999	2.5	72	7.7	999.9	999.9	28	0.2	999.99	0.00	RB 1
77	10	22	20	4.0	270	999.9	999	3.0	308	7.7	999.9	999.9	26	0.1	999.99	0.00	RB 1
77	10	22	21	5.0	270	999.9	999	4.0	313	7.7	999.9	999.9	24	-0.1	999.99	0.00	RB 1
77	10	22	22	4.0	270	999.9	999	3.0	286	7.7	999.9	999.9	24	0.1	999.99	0.00	RB 1
77	10	22	23	5.0	281	999.9	999	3.5	281	7.2	999.9	999.9	23	0.4	999.99	0.00	RB 1
77	10	22	24	5.5	286	999.9	999	5.5	340	7.2	999.9	999.9	25	0.3	999.99	0.00	RB 1
77	10	23	1	5.0	286	999.9	999	4.0	335	7.2	999.9	999.9	25	0.2	999.99	0.00	RB 1
77	10	23	2	4.0	286	999.9	999	3.5	324	7.2	999.9	999.9	25	0.1	999.99	0.00	RB 1
77	10	23	3	3.0	297	999.9	999	3.5	329	6.1	999.9	999.9	26	0.7	999.99	0.00	RB 1
77	10	23	4	1.5	292	999.9	999	2.5	319	5.0	999.9	999.9	28	0.7	999.99	0.00	RB 1
77	10	23	5	2.5	81	999.9	999	2.0	56	4.5	999.9	999.9	36	0.3	999.99	0.00	RB 1
77	10	23	6	0.5	351	999.9	999	2.5	115	5.0	999.9	999.9	36	0.3	999.99	0.00	RB 1
77	10	23	7	3.5	205	999.9	999	4.0	205	6.1	999.9	999.9	41	0.1	999.99	0.00	RB 1
77	10	23	8	4.0	157	999.9	999	3.5	167	8.3	999.9	999.9	29	-0.6	999.99	0.12	RB 1
77	10	23	9	5.0	113	999.9	999	5.0	135	8.8	999.9	999.9	22	-0.6	999.99	0.38	RB 1
77	10	23	10	6.5	76	999.9	999	7.5	86	9.9	999.9	999.9	20	-0.8	999.99	0.58	RB 1
77	10	23	11	5.5	50	999.9	999	6.0	70	12.1	999.9	999.9	20	-0.8	999.99	0.76	RB 1
77	10	23	12	5.0	999	999.9	999	6.0	72	12.1	999.9	999.9	18	-0.8	999.99	0.80	RB 1
77	10	23	13	8.5	254	999.9	999	9.5	248	12.6	999.9	999.9	18	-0.9	999.99	0.78	RB 1
77	10	23	14	8.5	265	999.9	999	10.0	259	12.6	999.9	999.9	19	-0.8	999.99	0.78	RB 1
77	10	23	15	7.5	248	999.9	999	8.5	243	12.1	999.9	999.9	19	-0.7	999.99	0.62	RB 1
77	10	23	16	8.0	270	999.9	999	9.5	270	10.5	999.9	999.9	18	0.4	999.99	0.44	RB 1
77	10	23	17	7.0	281	999.9	999	10.0	286	9.9	999.9	999.9	19	1.1	999.99	0.22	RB 1
77	10	23	18	8.0	265	999.9	999	11.5	286	10.5	999.9	999.9	21	0.5	999.99	0.00	RB 1
77	10	23	19	8.0	243	999.9	999	9.0	254	9.9	999.9	999.9	21	1.4	999.99	0.00	RB 1
77	10	23	20	8.0	238	999.9	999	12.0	270	9.9	999.9	999.9	21	1.5	999.99	0.00	RB 1
77	10	23	21	9.0	275	999.9	999	14.0	297	8.3	999.9	999.9	21	1.5	999.99	0.00	RB 1
77	10	23	22	10.0	286	999.9	999	11.5	308	9.9	999.9	999.9	21	0.5	999.99	0.00	RB 1
77	10	23	23	8.0	238	999.9	999	7.5	259	8.8	999.9	999.9	22	0.8	999.99	0.00	RB 1
77	10	23	24	8.5	254	999.9	999	9.0	270	8.3	999.9	999.9	21	0.7	999.99	0.00	RB 1
77	10	24	1	2.5	297	999.9	999	5.0	351	8.3	999.9	999.9	21	0.4	999.99	0.00	RB 1
77	10	24	2	4.0	292	999.9	999	3.5	356	7.7	999.9	999.9	22	0.3	999.99	0.00	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
				SPEED	DIRECT	SPEED	DIRECT	SPEED	DIRECT	10 M	30 M	60 M	HUMID	T		RAD	SITE
YR	MN	DY	HR	(MPH)	(DEGS)	(MPH)	(DEGS)	(MPH)	(DEGS)	(C)	(C)	(C)	(%)	(C)	(INCH)	(LANG)	
77	10	24	3	3.0	297	999.9	999	3.0	18	6.7	999.9	999.9	22	1.0	999.99	0.00	RB 1
77	10	24	4	3.0	162	999.9	999	2.0	56	7.2	999.9	999.9	22	0.8	999.99	0.00	RB 1
77	10	24	5	5.0	216	999.9	999	4.5	194	8.3	999.9	999.9	23	0.2	999.99	0.00	RB 1
77	10	24	6	5.0	221	999.9	999	5.0	194	7.2	999.9	999.9	23	0.9	999.99	0.00	RB 1
77	10	24	7	4.5	216	999.9	999	4.0	189	8.3	999.9	999.9	22	-0.1	999.99	0.00	RB 1
77	10	24	8	1.5	65	999.9	999	1.5	97	9.9	999.9	999.9	22	-0.4	999.99	0.08	RB 1
77	10	24	9	2.0	146	999.9	999	2.0	162	11.6	999.9	999.9	21	-0.7	999.99	0.20	RB 1
77	10	24	10	3.0	151	999.9	999	3.0	157	12.1	999.9	999.9	20	-0.8	999.99	0.36	RB 1
77	10	24	11	4.5	45	999.9	999	5.0	45	11.6	999.9	999.9	19	-0.9	999.99	0.46	RB 1
77	10	24	12	6.0	34	999.9	999	8.0	45	12.1	999.9	999.9	18	-0.8	999.99	0.64	RB 1
77	10	24	13	9.0	65	999.9	999	10.0	61	12.1	999.9	999.9	19	-0.5	999.99	0.54	RB 1
77	10	24	14	6.5	81	999.9	999	7.5	88	12.6	999.9	999.9	18	-0.5	999.99	0.82	RB 1
77	10	24	15	5.0	124	999.9	999	6.0	999	12.6	999.9	999.9	18	-0.3	999.99	0.60	RB 1
77	10	24	16	5.0	167	999.9	999	6.0	178	12.1	999.9	999.9	18	0.0	999.99	0.42	RB 1
77	10	24	17	3.5	259	999.9	999	4.0	238	12.1	999.9	999.9	19	-0.1	999.99	0.20	RB 1
77	10	24	18	6.0	238	999.9	999	5.5	259	12.1	999.9	999.9	20	0.2	999.99	0.00	RB 1
77	10	24	19	7.0	248	999.9	999	8.0	254	10.5	999.9	999.9	20	999.9	999.99	0.00	RB 1
77	10	24	20	6.5	254	999.9	999	8.0	275	10.5	999.9	999.9	20	0.9	999.99	0.00	RB 1
77	10	24	21	7.5	238	999.9	999	8.0	243	9.9	999.9	999.9	21	1.1	999.99	0.00	RB 1
77	10	24	22	10.5	248	999.9	999	12.5	248	9.9	999.9	999.9	21	1.0	999.99	0.00	RB 1
77	10	24	23	11.5	248	999.9	999	11.5	248	9.9	999.9	999.9	21	1.0	999.99	0.00	RB 1
77	10	24	24	11.5	243	999.9	999	11.5	243	9.9	999.9	999.9	21	1.2	999.99	0.00	RB 1
77	10	25	1	11.5	243	999.9	999	14.0	254	9.9	999.9	999.9	21	0.7	999.99	0.00	RB 1
77	10	25	2	11.5	243	999.9	999	11.5	254	9.9	999.9	999.9	21	0.5	999.99	0.00	RB 1
77	10	25	3	10.0	248	999.9	999	11.5	259	9.4	999.9	999.9	21	0.5	999.99	0.00	RB 1
77	10	25	4	8.0	259	999.9	999	8.0	292	8.3	999.9	999.9	21	0.3	999.99	0.00	RB 1
77	10	25	5	3.5	297	999.9	999	2.5	83	7.2	999.9	999.9	21	0.7	999.99	0.00	RB 1
77	10	25	6	2.5	173	999.9	999	1.5	137	7.7	999.9	999.9	22	0.2	999.99	0.00	RB 1
77	10	25	7	3.0	200	999.9	999	3.0	162	8.8	999.9	999.9	23	-0.1	999.99	0.00	RB 1
77	10	25	8	3.5	167	999.9	999	5.0	167	9.9	999.9	999.9	21	-0.4	999.99	0.12	RB 1
77	10	25	9	4.0	167	999.9	999	4.5	162	11.6	999.9	999.9	20	-0.5	999.99	0.36	RB 1
77	10	25	10	5.0	81	999.9	999	6.0	86	12.6	999.9	999.9	18	-0.7	999.99	0.56	RB 1
77	10	25	11	6.0	72	999.9	999	6.5	77	13.2	999.9	999.9	17	-0.7	999.99	0.74	RB 1
77	10	25	12	6.0	999	999.9	999	7.0	83	14.3	999.9	999.9	17	-0.8	999.99	0.84	RB 1
77	10	25	13	5.0	130	999.9	999	6.0	146	14.8	999.9	999.9	17	-0.8	999.99	0.84	RB 1
77	10	25	14	5.5	999	999.9	999	6.0	999	15.4	999.9	999.9	17	-0.8	999.99	0.78	RB 1
77	10	25	15	99.9	999	999.9	999	99.9	999	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	10	25	16	4.5	275	999.9	999	6.0	265	15.9	999.9	999.9	999	-0.5	999.99	999.99	RB 1
77	10	25	17	7.5	254	999.9	999	9.0	265	14.8	999.9	999.9	18	0.2	999.99	0.20	RB 1
77	10	25	18	9.5	254	999.9	999	12.0	265	13.7	999.9	999.9	19	0.8	999.99	0.00	RB 1
77	10	25	19	2.5	135	999.9	999	8.0	254	12.1	999.9	999.9	19	1.6	999.99	0.00	RB 1
77	10	25	20	2.5	216	999.9	999	5.0	265	10.5	999.9	999.9	21	1.7	999.99	0.00	RB 1
77	10	25	21	4.5	227	999.9	999	6.0	200	12.6	999.9	999.9	21	0.3	999.99	0.00	RB 1
77	10	25	22	7.0	232	999.9	999	8.0	194	12.6	999.9	999.9	20	0.9	999.99	0.00	RB 1
77	10	25	23	7.0	232	999.9	999	6.5	216	12.6	999.9	999.9	20	0.1	999.99	0.00	RB 1
77	10	25	24	10.0	254	999.9	999	15.0	243	11.0	999.9	999.9	20	0.8	999.99	0.00	RB 1
77	10	26	1	11.5	254	999.9	999	16.5	232	11.0	999.9	999.9	21	0.7	999.99	0.00	RB 1
77	10	26	2	10.0	254	999.9	999	15.0	221	10.5	999.9	999.9	21	0.8	999.99	0.00	RB 1
77	10	26	3	9.5	243	999.9	999	14.5	232	10.5	999.9	999.9	20	0.3	999.99	0.00	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	10	26	4	3.5	157	999.9	999	9.0	238	9.4	999.9	999.9	21	0.7	999.99	0.00	RB 1
77	10	26	5	3.5	157	999.9	999	4.5	157	9.4	999.9	999.9	22	0.2	999.99	0.00	RB 1
77	10	26	6	2.0	216	999.9	999	3.0	162	9.9	999.9	999.9	21	-0.1	999.99	0.00	RB 1
77	10	26	7	1.5	243	999.9	999	3.5	227	9.4	999.9	999.9	22	0.0	999.99	0.00	RB 1
77	10	26	8	5.0	259	999.9	999	6.0	216	11.6	999.9	999.9	21	-0.2	999.99	0.12	RB 1
77	10	26	9	7.5	162	999.9	999	9.0	184	13.2	999.9	999.9	19	-0.7	999.99	0.36	RB 1
77	10	26	10	9.0	162	999.9	999	11.0	173	14.3	999.9	999.9	19	-0.9	999.99	0.58	RB 1
77	10	26	11	7.5	189	999.9	999	9.0	205	15.9	999.9	999.9	18	-0.9	999.99	999.99	RB 1
77	10	26	12	9.0	227	999.9	999	11.5	221	17.0	999.9	999.9	17	-1.0	999.99	0.84	RB 1
77	10	26	13	10.0	205	999.9	999	14.5	216	17.6	999.9	999.9	17	-1.2	999.99	0.84	RB 1
77	10	26	14	11.5	194	999.9	999	16.0	211	17.0	999.9	999.9	17	-1.1	999.99	0.80	RB 1
77	10	26	15	10.0	200	999.9	999	14.5	216	17.0	999.9	999.9	17	-1.0	999.99	0.42	RB 1
77	10	26	16	9.0	200	999.9	999	14.5	211	15.9	999.9	999.9	18	-0.5	999.99	0.42	RB 1
77	10	26	17	4.0	232	999.9	999	7.5	221	14.3	999.9	999.9	18	-0.2	999.99	0.24	RB 1
77	10	26	18	4.0	238	999.9	999	8.0	216	12.6	999.9	999.9	20	0.3	999.99	0.00	RB 1
77	10	26	19	3.0	254	999.9	999	7.0	211	11.6	999.9	999.9	20	0.2	999.99	0.00	RB 1
77	10	26	20	5.0	275	999.9	999	6.0	232	11.0	999.9	999.9	21	0.4	999.99	0.00	RB 1
77	10	26	21	4.5	259	999.9	999	7.0	243	11.6	999.9	999.9	20	0.1	999.99	0.00	RB 1
77	10	26	22	2.0	205	999.9	999	5.5	178	9.9	999.9	999.9	21	0.8	999.99	0.00	RB 1
77	10	26	23	6.0	259	999.9	999	10.0	227	11.0	999.9	999.9	22	0.4	999.99	0.00	RB 1
77	10	26	24	8.5	254	999.9	999	13.0	243	11.0	999.9	999.9	20	0.7	999.99	0.00	RB 1
77	10	27	1	9.0	248	999.9	999	11.0	248	11.0	999.9	999.9	21	1.0	999.99	0.00	RB 1
77	10	27	2	7.5	243	999.9	999	11.5	243	9.9	999.9	999.9	21	1.3	999.99	0.00	RB 1
77	10	27	3	9.0	248	999.9	999	12.0	216	9.9	999.9	999.9	21	1.3	999.99	0.00	RB 1
77	10	27	4	9.5	254	999.9	999	13.0	227	9.9	999.9	999.9	21	1.3	999.99	0.00	RB 1
77	10	27	5	10.5	254	999.9	999	13.0	238	9.9	999.9	999.9	21	0.9	999.99	0.00	RB 1
77	10	27	6	11.0	254	999.9	999	14.0	243	9.9	999.9	999.9	21	1.0	999.99	0.00	RB 1
77	10	27	7	10.5	259	999.9	999	14.5	227	9.9	999.9	999.9	21	1.2	999.99	0.00	RB 1
77	10	27	8	7.5	189	999.9	999	10.0	211	12.6	999.9	999.9	21	-0.5	999.99	0.12	RB 1
77	10	27	9	9.5	184	999.9	999	14.0	200	14.3	999.9	999.9	19	-1.0	999.99	0.36	RB 1
77	10	27	10	10.0	184	999.9	999	13.0	200	14.8	999.9	999.9	19	-1.0	999.99	0.60	RB 1
77	10	27	11	10.5	194	999.9	999	15.0	205	16.5	999.9	999.9	18	-1.2	999.99	0.74	RB 1
77	10	27	12	12.0	205	999.9	999	17.0	216	16.5	999.9	999.9	18	-1.2	999.99	0.82	RB 1
77	10	27	13	14.0	194	999.9	999	21.0	205	15.9	999.9	999.9	18	-1.2	999.99	0.84	RB 1
77	10	27	14	13.5	194	999.9	999	21.0	205	15.4	999.9	999.9	18	-1.1	999.99	0.76	RB 1
77	10	27	15	13.0	205	999.9	999	19.0	216	14.8	999.9	999.9	18	-0.9	999.99	0.62	RB 1
77	10	27	16	12.0	211	999.9	999	18.5	221	14.3	999.9	999.9	18	-0.5	999.99	0.42	RB 1
77	10	27	17	7.0	221	999.9	999	12.0	221	12.6	999.9	999.9	19	-0.1	999.99	0.16	RB 1
77	10	27	18	5.5	205	999.9	999	11.0	200	11.6	999.9	999.9	20	0.5	999.99	0.00	RB 1
77	10	27	19	4.5	227	999.9	999	9.5	194	10.5	999.9	999.9	21	0.8	999.99	0.00	RB 1
77	10	27	20	4.5	232	999.9	999	10.0	205	10.5	999.9	999.9	21	1.1	999.99	0.00	RB 1
77	10	27	21	7.0	205	999.9	999	15.0	205	11.0	999.9	999.9	21	0.9	999.99	0.00	RB 1
77	10	27	22	8.5	184	999.9	999	15.0	194	9.9	999.9	999.9	21	1.0	999.99	0.00	RB 1
77	10	27	23	8.0	200	999.9	999	17.0	205	11.0	999.9	999.9	20	0.4	999.99	0.00	RB 1
77	10	27	24	7.0	205	999.9	999	16.0	205	10.5	999.9	999.9	20	0.7	999.99	0.00	RB 1
77	10	28	1	5.5	221	999.9	999	15.0	211	9.9	999.9	999.9	21	0.4	999.99	0.00	RB 1
77	10	28	2	7.0	211	999.9	999	16.0	211	9.9	999.9	999.9	21	0.4	999.99	0.00	RB 1
77	10	28	3	4.5	221	999.9	999	13.0	216	9.9	999.9	999.9	21	0.4	999.99	0.00	RB 1
77	10	28	4	5.5	205	999.9	999	14.0	211	9.4	999.9	999.9	21	0.7	999.99	0.00	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	10	28	5	5.0	232	999.9	999	13.5	211	9.4	999.9	999.9	21	0.4	999.99	0.00	RB 1
77	10	28	6	7.0	248	999.9	999	13.0	221	8.8	999.9	999.9	21	0.2	999.99	0.00	RB 1
77	10	28	7	5.5	248	999.9	999	11.0	221	8.8	999.9	999.9	21	0.0	999.99	0.00	RB 1
77	10	28	8	9.0	189	999.9	999	13.0	205	10.5	999.9	999.9	21	-0.6	999.99	0.12	RB 1
77	10	28	9	10.0	216	999.9	999	15.0	221	11.6	999.9	999.9	20	-0.9	999.99	0.32	RB 1
77	10	28	10	13.0	232	999.9	999	17.0	227	12.6	999.9	999.9	20	-1.0	999.99	0.58	RB 1
77	10	28	11	13.0	205	999.9	999	20.0	216	13.7	999.9	999.9	19	-1.2	999.99	0.72	RB 1
77	10	28	12	12.0	211	999.9	999	16.0	216	14.3	999.9	999.9	19	-1.2	999.99	0.80	RB 1
77	10	28	13	11.0	200	999.9	999	16.0	205	14.3	999.9	999.9	19	-1.1	999.99	0.70	RB 1
77	10	28	14	13.0	189	999.9	999	18.5	205	13.7	999.9	999.9	19	-0.9	999.99	0.64	RB 1
77	10	28	15	13.5	189	999.9	999	19.0	200	13.7	999.9	999.9	19	-0.8	999.99	0.62	RB 1
77	10	28	16	11.0	189	999.9	999	16.5	200	13.7	999.9	999.9	19	-0.7	999.99	0.38	RB 1
77	10	28	17	8.5	200	999.9	999	14.5	211	12.6	999.9	999.9	19	-0.1	999.99	0.24	RB 1
77	10	28	18	5.5	221	999.9	999	12.5	221	11.0	999.9	999.9	20	0.3	999.99	0.00	RB 1
77	10	28	19	8.0	254	999.9	999	14.0	227	10.5	999.9	999.9	20	0.2	999.99	0.00	RB 1
77	10	28	20	7.5	248	999.9	999	14.5	216	10.5	999.9	999.9	21	0.3	999.99	0.00	RB 1
77	10	28	21	6.5	243	999.9	999	13.0	205	10.5	999.9	999.9	21	0.7	999.99	0.00	RB 1
77	10	28	22	8.0	205	999.9	999	17.5	205	10.5	999.9	999.9	21	0.2	999.99	0.00	RB 1
77	10	28	23	9.0	205	999.9	999	17.5	205	10.5	999.9	999.9	21	0.2	999.99	0.00	RB 1
77	10	28	24	7.0	243	999.9	999	13.0	216	10.5	999.9	999.9	21	0.2	999.99	0.00	RB 1
77	10	29	1	6.5	254	999.9	999	12.0	238	9.9	999.9	999.9	21	0.3	999.99	0.00	RB 1
77	10	29	2	4.5	259	999.9	999	9.5	232	9.9	999.9	999.9	21	0.2	999.99	0.00	RB 1
77	10	29	3	3.0	135	999.9	999	5.0	124	9.4	999.9	999.9	21	0.5	999.99	0.00	RB 1
77	10	29	4	2.0	297	999.9	999	4.0	151	9.4	999.9	999.9	22	1.0	999.99	0.00	RB 1
77	10	29	5	2.5	313	999.9	999	3.0	108	8.8	999.9	999.9	22	1.0	999.99	0.00	RB 1
77	10	29	6	3.5	286	999.9	999	3.5	184	8.8	999.9	999.9	22	0.2	999.99	0.00	RB 1
77	10	29	7	5.0	216	999.9	999	8.5	189	8.8	999.9	999.9	22	0.4	999.99	0.00	RB 1
77	10	29	8	6.0	178	999.9	999	10.0	184	9.9	999.9	999.9	22	0.4	999.99	0.06	RB 1
77	10	29	9	10.0	162	999.9	999	15.0	167	11.6	999.9	999.9	21	-0.7	999.99	0.20	RB 1
77	10	29	10	14.0	178	999.9	999	18.0	184	13.7	999.9	999.9	20	-1.0	999.99	0.44	RB 1
77	10	29	11	12.0	194	999.9	999	17.5	211	14.3	999.9	999.9	19	-1.0	999.99	0.66	RB 1
77	10	29	12	12.0	200	999.9	999	20.0	216	13.7	999.9	999.9	19	-1.0	999.99	0.54	RB 1
77	10	29	13	18.0	194	999.9	999	27.0	211	13.2	999.9	999.9	19	-0.9	999.99	0.58	RB 1
77	10	29	14	18.0	189	999.9	999	27.0	194	11.6	999.9	999.9	20	-0.5	999.99	0.38	RB 1
77	10	29	15	14.0	194	999.9	999	22.0	205	12.1	999.9	999.9	20	-0.5	999.99	0.18	RB 1
77	10	29	16	10.0	194	999.9	999	18.0	211	7.2	999.9	999.9	32	-0.3	999.99	0.10	RB 1
77	10	29	17	10.0	189	999.9	999	17.5	211	7.2	999.9	999.9	47	0.1	999.99	0.08	RB 1
77	10	29	18	10.0	211	999.9	999	18.0	216	7.2	999.9	999.9	45	0.0	999.99	0.00	RB 1
77	10	29	19	14.0	270	999.9	999	19.0	270	3.4	999.9	999.9	53	-0.2	999.99	0.00	RB 1
77	10	29	20	18.0	254	999.9	999	24.0	259	1.2	999.9	999.9	57	999.9	999.99	0.00	RB 1
77	10	29	21	11.0	254	999.9	999	16.0	254	1.2	999.9	999.9	61	999.9	999.99	0.00	RB 1
77	10	29	22	8.0	232	999.9	999	14.0	243	2.9	999.9	999.9	55	999.9	999.99	0.00	RB 1
77	10	29	23	3.5	999	999.9	999	7.0	254	2.9	999.9	999.9	56	999.9	999.99	0.00	RB 1
77	10	29	24	2.5	18	999.9	999	3.0	72	2.3	999.9	999.9	61	0.0	999.99	0.00	RB 1
77	10	30	1	3.5	205	999.9	999	4.0	211	3.4	999.9	999.9	68	-0.3	999.99	0.00	RB 1
77	10	30	2	5.0	205	999.9	999	7.0	200	3.9	999.9	999.9	69	-0.4	999.99	0.00	RB 1
77	10	30	3	7.0	265	999.9	999	13.0	227	3.4	999.9	999.9	60	-0.2	999.99	0.00	RB 1
77	10	30	4	9.0	265	999.9	999	16.0	270	3.4	999.9	999.9	55	-0.2	999.99	0.00	RB 1
77	10	30	5	6.0	259	999.9	999	12.0	265	2.9	999.9	999.9	55	0.0	999.99	0.00	RB 1

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	10	30	6	3.0	254	999.9	999	6.0	275	1.8	999.9	999.9	58	-0.2	999.99	0.00	RB 1
77	10	30	7	3.5	173	999.9	999	4.0	221	1.8	999.9	999.9	60	-0.4	999.99	0.00	RB 1
77	10	30	8	4.5	167	999.9	999	5.5	178	2.3	999.9	999.9	54	-0.6	999.99	0.16	RB 1
77	10	30	9	8.0	248	999.9	999	10.0	248	3.4	999.9	999.9	44	-0.6	999.99	0.34	RB 1
77	10	30	10	9.5	248	999.9	999	11.5	243	4.5	999.9	999.9	29	-0.8	999.99	0.58	RB 1
77	10	30	11	10.5	243	999.9	999	13.5	238	5.0	999.9	999.9	26	-0.9	999.99	0.74	RB 1
77	10	30	12	13.5	259	999.9	999	17.0	265	6.1	999.9	999.9	24	-1.0	999.99	0.82	RB 1
77	10	30	13	18.0	275	999.9	999	22.5	275	6.1	999.9	999.9	23	-1.0	999.99	0.84	RB 1
77	10	30	14	18.0	286	999.9	999	22.0	281	6.7	999.9	999.9	23	-0.9	999.99	0.76	RB 1
77	10	30	15	10.5	254	999.9	999	14.0	259	5.6	999.9	999.9	22	-0.5	999.99	0.26	RB 1
77	10	30	16	13.5	259	999.9	999	17.0	265	5.6	999.9	999.9	23	-0.4	999.99	0.10	RB 1
77	10	30	17	12.5	270	999.9	999	17.0	275	4.5	999.9	999.9	23	-0.1	999.99	0.06	RB 1
77	10	30	18	9.0	270	999.9	999	13.0	275	3.9	999.9	999.9	24	0.2	999.99	0.00	RB 1
77	10	30	19	9.5	265	999.9	999	14.0	270	3.9	999.9	999.9	24	0.1	999.99	0.00	RB 1
77	10	30	20	9.5	238	999.9	999	14.0	254	2.9	999.9	999.9	24	0.6	999.99	0.00	RB 1
77	10	30	21	10.0	248	999.9	999	16.0	254	2.9	999.9	999.9	25	0.4	999.99	0.00	RB 1
77	10	30	22	8.0	243	999.9	999	12.0	248	2.9	999.9	999.9	24	0.3	999.99	0.00	RB 1
77	10	30	23	12.5	259	999.9	999	18.0	265	2.9	999.9	999.9	24	0.1	999.99	0.00	RB 1
77	10	30	24	14.0	270	999.9	999	20.0	275	2.9	999.9	999.9	24	0.1	999.99	0.00	RB 1
77	10	31	1	12.0	270	999.9	999	18.5	275	1.2	999.9	999.9	25	0.1	999.99	0.00	RB 1
77	10	31	2	12.0	259	999.9	999	17.5	270	0.7	999.9	999.9	28	-0.1	999.99	0.00	RB 1
77	10	31	3	12.5	248	999.9	999	17.0	259	0.1	999.9	999.9	28	-0.1	999.99	0.00	RB 1
77	10	31	4	11.5	243	999.9	999	17.5	254	-0.4	999.9	999.9	31	0.1	999.99	0.00	RB 1
77	10	31	5	6.0	270	999.9	999	13.0	265	-0.9	999.9	999.9	32	0.1	999.99	0.00	RB 1
77	10	31	6	2.5	324	999.9	999	1.5	83	-0.9	999.9	999.9	36	0.0	999.99	0.00	RB 1
77	10	31	7	3.0	351	999.9	999	5.0	7	-0.9	999.9	999.9	40	0.1	999.99	0.00	RB 1
77	10	31	8	3.0	7	999.9	999	5.0	40	-1.5	999.9	999.9	40	-0.1	999.99	0.00	RB 1
77	10	31	9	4.0	151	999.9	999	4.5	157	-1.5	999.9	999.9	42	-0.5	999.99	0.08	RB 1
77	10	31	10	4.0	29	999.9	999	4.0	23	-0.9	999.9	999.9	37	-0.5	999.99	0.16	RB 1
77	10	31	11	5.0	56	999.9	999	5.0	56	-0.9	999.9	999.9	31	-0.5	999.99	0.20	RB 1
77	10	31	12	8.0	302	999.9	999	11.5	302	-0.9	999.9	999.9	32	-0.6	999.99	0.14	RB 1
77	10	31	13	8.0	254	999.9	999	9.0	248	-1.5	999.9	999.9	42	-0.6	999.99	0.26	RB 1
77	10	31	14	6.5	238	999.9	999	9.0	243	-1.5	999.9	999.9	50	-0.6	999.99	0.18	RB 1
77	10	31	15	7.5	281	999.9	999	8.5	286	-1.5	999.9	999.9	47	-0.6	999.99	0.18	RB 1
77	10	31	16	7.5	324	999.9	999	9.0	319	-1.5	999.9	999.9	39	-0.5	999.99	0.16	RB 1
77	10	31	17	7.0	7	999.9	999	8.0	7	999.9	999.9	999.9	58	999.9	999.99	0.00	RB 1
77	10	31	18	7.0	286	999.9	999	9.0	308	999.9	999.9	999.9	60	999.9	999.99	0.00	RB 1
77	10	31	19	8.0	292	999.9	999	8.0	319	999.9	999.9	999.9	44	999.9	999.99	0.00	RB 1
77	10	31	20	6.0	297	999.9	999	7.0	313	999.9	999.9	999.9	47	999.9	999.99	0.00	RB 1
77	10	31	21	4.5	292	999.9	999	8.5	313	999.9	999.9	999.9	46	999.9	999.99	0.00	RB 1
77	10	31	22	5.0	292	999.9	999	6.0	313	999.9	999.9	999.9	51	999.9	999.99	0.00	RB 1
77	10	31	23	4.0	297	999.9	999	7.0	319	999.9	999.9	999.9	56	999.9	999.99	0.00	RB 1
77	10	31	24	5.0	308	999.9	999	7.0	324	999.9	999.9	999.9	55	999.9	999.99	0.00	RB 1
77	11	1	1	9.0	286	999.9	999	13.0	297	999.9	999.9	999.9	47	999.9	999.99	0.00	RB 1
77	11	1	2	8.0	281	999.9	999	9.5	308	999.9	999.9	999.9	51	999.9	999.99	0.00	RB 1
77	11	1	3	7.0	292	999.9	999	7.0	335	999.9	999.9	999.9	49	999.9	999.99	0.00	RB 1
77	11	1	4	6.5	297	999.9	999	7.0	329	999.9	999.9	999.9	37	999.9	999.99	0.00	RB 1
77	11	1	5	5.5	286	999.9	999	5.5	319	999.9	999.9	999.9	35	999.9	999.99	0.00	RB 1
77	11	1	6	5.0	270	999.9	999	5.0	308	999.9	999.9	999.9	33	999.9	999.99	0.00	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	11	1	7	3.5	189	999.9	999	2.0	157	999.9	999.9	999.9	32	999.9	999.99	0.00	RB 1
77	11	1	8	4.5	167	999.9	999	4.0	173	999.9	999.9	999.9	30	999.9	999.99	0.18	RB 1
77	11	1	9	4.0	146	999.9	999	4.0	162	999.9	999.9	999.9	25	999.9	999.99	0.44	RB 1
77	11	1	10	5.0	184	999.9	999	6.0	184	999.9	999.9	999.9	24	999.9	999.99	0.58	RB 1
77	11	1	11	7.5	297	999.9	999	8.0	286	999.9	999.9	999.9	24	999.9	999.99	0.74	RB 1
77	11	1	12	8.0	286	999.9	999	9.5	286	999.9	999.9	999.9	24	999.9	999.99	0.80	RB 1
77	11	1	13	7.5	232	999.9	999	9.0	232	999.9	999.9	999.9	24	999.9	999.99	0.80	RB 1
77	11	1	14	9.5	254	999.9	999	11.5	248	999.9	999.9	999.9	23	999.9	999.99	0.72	RB 1
77	11	1	15	8.0	243	999.9	999	10.0	243	999.9	999.9	999.9	23	999.9	999.99	0.60	RB 1
77	11	1	16	7.5	243	999.9	999	9.5	243	999.9	999.9	999.9	23	999.9	999.99	0.36	RB 1
77	11	1	17	6.0	259	999.9	999	8.5	270	999.9	999.9	999.9	23	999.9	999.99	0.16	RB 1
77	11	1	18	3.5	200	999.9	999	4.5	211	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	1	19	5.0	211	999.9	999	6.0	194	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	11	1	20	5.0	227	999.9	999	5.0	194	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	11	1	21	3.0	211	999.9	999	2.0	216	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	11	1	22	2.0	184	999.9	999	0.5	200	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	11	1	23	3.0	151	999.9	999	2.0	319	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	11	1	24	3.0	292	999.9	999	2.5	7	999.9	999.9	999.9	26	999.9	999.99	0.00	RB 1
77	11	2	1	2.0	270	999.9	999	2.5	56	999.9	999.9	999.9	26	999.9	999.99	0.00	RB 1
77	11	2	2	2.0	238	999.9	999	4.0	194	999.9	999.9	999.9	26	999.9	999.99	0.00	RB 1
77	11	2	3	2.5	999	999.9	999	4.0	184	999.9	999.9	999.9	26	999.9	999.99	0.00	RB 1
77	11	2	4	5.0	205	999.9	999	5.0	200	999.9	999.9	999.9	26	999.9	999.99	0.00	RB 1
77	11	2	5	4.0	270	999.9	999	4.0	216	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	11	2	6	2.0	97	999.9	999	3.5	999	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	11	2	7	5.0	248	999.9	999	5.0	221	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	11	2	8	3.0	81	999.9	999	3.0	162	1.2	999.9	999.9	24	0.7	999.99	0.10	RB 1
77	11	2	9	4.0	76	999.9	999	4.5	103	999.9	999.9	999.9	21	999.9	999.99	0.34	RB 1
77	11	2	10	6.0	94	999.9	999	6.0	113	4.5	999.9	999.9	21	-0.6	999.99	0.52	RB 1
77	11	2	11	6.0	146	999.9	999	6.0	140	7.2	999.9	999.9	20	-0.6	999.99	0.74	RB 1
77	11	2	12	7.0	248	999.9	999	8.0	243	8.8	999.9	999.9	20	-0.8	999.99	0.86	RB 1
77	11	2	13	8.0	238	999.9	999	9.5	238	9.9	999.9	999.9	20	-0.9	999.99	0.80	RB 1
77	11	2	14	9.0	232	999.9	999	11.5	232	10.5	999.9	999.9	20	-0.9	999.99	0.72	RB 1
77	11	2	15	9.0	238	999.9	999	12.0	232	11.0	999.9	999.9	20	-0.8	999.99	0.56	RB 1
77	11	2	16	8.0	238	999.9	999	11.5	238	11.0	999.9	999.9	20	-0.4	999.99	0.38	RB 1
77	11	2	17	6.0	243	999.9	999	9.5	243	9.4	999.9	999.9	20	0.1	999.99	0.10	RB 1
77	11	2	18	9.0	205	999.9	999	13.5	238	6.7	999.9	999.9	22	1.1	999.99	0.00	RB 1
77	11	2	19	12.0	243	999.9	999	15.0	227	6.7	999.9	999.9	22	0.7	999.99	0.00	RB 1
77	11	2	20	10.0	238	999.9	999	14.0	238	7.7	999.9	999.9	22	0.7	999.99	0.00	RB 1
77	11	2	21	8.0	227	999.9	999	12.0	243	7.2	999.9	999.9	22	1.1	999.99	0.00	RB 1
77	11	2	22	1.5	324	999.9	999	7.0	227	5.6	999.9	999.9	22	1.5	999.99	0.00	RB 1
77	11	2	23	4.0	211	999.9	999	4.5	200	6.7	999.9	999.9	23	0.8	999.99	0.00	RB 1
77	11	2	24	3.0	275	999.9	999	2.0	259	6.1	999.9	999.9	23	1.2	999.99	0.00	RB 1
77	11	3	1	7.0	221	999.9	999	7.5	232	8.3	999.9	999.9	23	0.9	999.99	0.00	RB 1
77	11	3	2	9.0	232	999.9	999	10.0	232	8.8	999.9	999.9	21	0.5	999.99	0.00	RB 1
77	11	3	3	6.0	243	999.9	999	7.0	248	8.8	999.9	999.9	21	0.5	999.99	0.00	RB 1
77	11	3	4	2.5	151	999.9	999	3.0	248	4.5	999.9	999.9	22	2.0	999.99	0.00	RB 1
77	11	3	5	4.5	216	999.9	999	7.0	232	3.9	999.9	999.9	24	1.4	999.99	0.00	RB 1
77	11	3	6	7.0	216	999.9	999	5.0	205	5.6	999.9	999.9	23	1.0	999.99	0.00	RB 1
77	11	3	7	1.5	270	999.9	999	2.5	173	5.9	999.9	999.9	23	1.6	999.99	0.00	RB 1

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL		
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE	
77	11	3	8	2.5	56	999.9	999	99.9	130	5.0	999.9	999.9	23	0.3	999.99	0.12	RB	1
77	11	3	9	3.0	56	999.9	999	3.0	113	7.2	999.9	999.9	20	-0.3	999.99	0.32	RB	1
77	11	3	10	5.0	61	999.9	999	5.5	103	8.8	999.9	999.9	18	-0.4	999.99	0.54	RB	1
77	11	3	11	8.0	200	999.9	999	10.5	200	12.6	999.9	999.9	19	-0.9	999.99	0.70	RB	1
77	11	3	12	10.0	189	999.9	999	12.0	194	13.2	999.9	999.9	19	-1.0	999.99	0.80	RB	1
77	11	3	13	9.0	200	999.9	999	11.5	205	13.7	999.9	999.9	19	-1.0	999.99	0.80	RB	1
77	11	3	14	10.0	200	999.9	999	14.5	211	14.3	999.9	999.9	19	-1.0	999.99	0.74	RB	1
77	11	3	15	9.5	200	999.9	999	14.5	216	14.3	999.9	999.9	19	-0.9	999.99	0.60	RB	1
77	11	3	16	9.0	200	999.9	999	13.0	216	13.7	999.9	999.9	19	-0.4	999.99	0.38	RB	1
77	11	3	17	5.0	200	999.9	999	8.0	200	12.1	999.9	999.9	20	0.2	999.99	0.10	RB	1
77	11	3	18	4.5	200	999.9	999	7.0	194	10.5	999.9	999.9	20	0.7	999.99	0.00	RB	1
77	11	3	19	4.0	205	999.9	999	4.0	178	9.9	999.9	999.9	21	0.4	999.99	0.00	RB	1
77	11	3	20	3.5	173	999.9	999	3.0	167	9.9	999.9	999.9	21	0.3	999.99	0.00	RB	1
77	11	3	21	3.0	151	999.9	999	6.0	178	8.3	999.9	999.9	21	0.7	999.99	0.00	RB	1
77	11	3	22	2.5	140	999.9	999	6.0	178	8.3	999.9	999.9	22	0.7	999.99	0.00	RB	1
77	11	3	23	2.5	200	999.9	999	5.0	227	8.8	999.9	999.9	22	0.2	999.99	0.00	RB	1
77	11	3	24	2.5	308	999.9	999	99.9	189	8.3	999.9	999.9	21	0.2	999.99	0.00	RB	1
77	11	4	1	6.0	194	999.9	999	9.0	211	9.4	999.9	999.9	22	0.3	999.99	0.00	RB	1
77	11	4	2	7.0	189	999.9	999	14.0	216	9.9	999.9	999.9	21	0.2	999.99	0.00	RB	1
77	11	4	3	9.0	194	999.9	999	15.5	216	10.5	999.9	999.9	21	0.1	999.99	0.00	RB	1
77	11	4	4	7.0	184	999.9	999	14.0	216	10.5	999.9	999.9	21	0.1	999.99	0.00	RB	1
77	11	4	5	3.5	7	999.9	999	6.5	211	9.4	999.9	999.9	21	0.8	999.99	0.00	RB	1
77	11	4	6	4.0	81	999.9	999	4.5	200	8.3	999.9	999.9	21	1.1	999.99	0.00	RB	1
77	11	4	7	3.5	61	999.9	999	4.0	200	8.8	999.9	999.9	21	0.8	999.99	0.00	RB	1
77	11	4	8	8.5	178	999.9	999	14.5	205	11.0	999.9	999.9	21	-0.3	999.99	0.10	RB	1
77	11	4	9	11.0	194	999.9	999	16.5	211	13.2	999.9	999.9	20	-0.9	999.99	0.26	RB	1
77	11	4	10	13.5	200	999.9	999	20.0	211	13.7	999.9	999.9	19	-1.0	999.99	0.52	RB	1
77	11	4	11	17.0	200	999.9	999	25.0	211	14.3	999.9	999.9	19	-1.0	999.99	0.70	RB	1
77	11	4	12	14.5	200	999.9	999	22.0	211	15.4	999.9	999.9	19	-1.0	999.99	0.80	RB	1
77	11	4	13	17.5	194	999.9	999	27.0	205	15.4	999.9	999.9	19	-0.9	999.99	0.80	RB	1
77	11	4	14	16.0	194	999.9	999	25.0	205	15.4	999.9	999.9	19	-0.8	999.99	0.70	RB	1
77	11	4	15	14.5	211	999.9	999	21.5	216	14.8	999.9	999.9	19	-0.7	999.99	0.58	RB	1
77	11	4	16	13.0	194	999.9	999	20.0	205	13.7	999.9	999.9	19	-0.3	999.99	0.34	RB	1
77	11	4	17	10.0	200	999.9	999	16.0	216	12.1	999.9	999.9	20	-0.1	999.99	0.06	RB	1
77	11	4	18	7.0	211	999.9	999	14.5	216	11.6	999.9	999.9	20	0.0	999.99	0.00	RB	1
77	11	4	19	8.5	205	999.9	999	17.0	216	11.6	999.9	999.9	20	0.0	999.99	0.00	RB	1
77	11	4	20	6.5	205	999.9	999	13.0	216	11.0	999.9	999.9	20	0.0	999.99	0.00	RB	1
77	11	4	21	5.5	205	999.9	999	12.5	216	11.0	999.9	999.9	20	0.1	999.99	0.00	RB	1
77	11	4	22	7.0	205	999.9	999	16.0	211	10.5	999.9	999.9	20	0.3	999.99	0.00	RB	1
77	11	4	23	9.5	200	999.9	999	18.0	205	11.0	999.9	999.9	20	0.4	999.99	0.00	RB	1
77	11	4	24	8.0	200	999.9	999	16.0	211	10.5	999.9	999.9	20	0.4	999.99	0.00	RB	1
77	11	5	1	2.5	999	999.9	999	2.5	61	8.8	999.9	999.9	21	0.8	999.99	0.00	RB	1
77	11	5	2	3.5	270	999.9	999	4.0	238	8.8	999.9	999.9	22	0.7	999.99	0.00	RB	1
77	11	5	3	4.5	270	999.9	999	7.5	216	8.8	999.9	999.9	22	0.7	999.99	0.00	RB	1
77	11	5	4	3.5	254	999.9	999	4.0	254	8.5	999.9	999.9	22	0.5	999.99	0.00	RB	1
77	11	5	5	3.0	999	999.9	999	4.5	189	8.3	999.9	999.9	22	0.5	999.99	0.00	RB	1
77	11	5	6	11.5	194	999.9	999	19.0	200	9.4	999.9	999.9	22	0.2	999.99	0.00	RB	1
77	11	5	7	12.0	194	999.9	999	20.0	200	8.8	999.9	999.9	21	0.1	999.99	0.00	RB	1
77	11	5	8	9.5	173	999.9	999	17.0	189	8.8	999.9	999.9	21	-0.1	999.99	0.06	RB	1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	11	5	9	14.5	184	999.9	999	20.0	184	10.5	999.9	999.9	21	-0.4	999.99	0.26	RB 1
77	11	5	10	12.0	189	999.9	999	17.5	200	11.6	999.9	999.9	21	-0.5	999.99	0.20	RB 1
77	11	5	11	12.5	205	999.9	999	20.0	211	12.1	999.9	999.9	20	-0.5	999.99	0.26	RB 1
77	11	5	12	12.0	205	999.9	999	18.0	216	12.1	999.9	999.9	20	-0.7	999.99	0.30	RB 1
77	11	5	13	13.0	200	999.9	999	19.5	205	13.2	999.9	999.9	20	-0.8	999.99	0.40	RB 1
77	11	5	14	14.0	189	999.9	999	20.0	200	14.3	999.9	999.9	19	-0.8	999.99	0.60	RB 1
77	11	5	15	11.5	194	999.9	999	17.0	200	13.7	999.9	999.9	19	-0.5	999.99	0.50	RB 1
77	11	5	16	12.0	189	999.9	999	16.5	194	12.6	999.9	999.9	20	-0.3	999.99	0.22	RB 1
77	11	5	17	9.5	200	999.9	999	15.0	205	11.6	999.9	999.9	20	-0.1	999.99	0.06	RB 1
77	11	5	18	9.5	189	999.9	999	15.5	184	11.0	999.9	999.9	20	0.2	999.99	0.00	RB 1
77	11	5	19	9.0	184	999.9	999	16.0	184	10.5	999.9	999.9	20	0.4	999.99	0.00	RB 1
77	11	5	20	7.5	178	999.9	999	15.0	184	10.5	999.9	999.9	20	0.7	999.99	0.00	RB 1
77	11	5	21	10.5	189	999.9	999	16.5	189	11.6	999.9	999.9	20	0.1	999.99	0.00	RB 1
77	11	5	22	12.5	184	999.9	999	19.0	189	11.0	999.9	999.9	20	0.1	999.99	0.00	RB 1
77	11	5	23	17.0	189	999.9	999	26.0	194	11.6	999.9	999.9	20	-0.2	999.99	0.00	RB 1
77	11	5	24	17.5	194	999.9	999	27.0	200	11.0	999.9	999.9	20	-0.2	999.99	0.00	RB 1
77	11	6	1	14.0	200	999.9	999	23.0	205	10.5	999.9	999.9	20	-0.1	999.99	0.00	RB 1
77	11	6	2	10.0	200	999.9	999	19.0	211	9.9	999.9	999.9	20	0.0	999.99	0.00	RB 1
77	11	6	3	14.0	200	999.9	999	23.5	205	9.9	999.9	999.9	21	-0.1	999.99	0.00	RB 1
77	11	6	4	9.0	194	999.9	999	15.5	200	8.8	999.9	999.9	21	0.4	999.99	0.00	RB 1
77	11	6	5	6.5	243	999.9	999	11.5	205	7.7	999.9	999.9	22	1.3	999.99	0.00	RB 1
77	11	6	6	7.0	259	999.9	999	10.0	238	7.7	999.9	999.9	22	0.7	999.99	0.00	RB 1
77	11	6	7	18.0	173	999.9	999	16.5	178	6.7	999.9	999.9	22	0.1	999.99	0.00	RB 1
77	11	6	8	7.0	270	999.9	999	7.5	270	1.8	999.9	999.9	52	0.0	999.99	0.00	RB 1
77	11	6	9	3.5	324	999.9	999	2.0	356	2.9	999.9	999.9	62	-0.4	999.99	0.08	RB 1
77	11	6	10	5.0	23	999.9	999	5.0	23	3.4	999.9	999.9	59	-0.6	999.99	0.14	RB 1
77	11	6	11	4.0	67	999.9	999	4.5	61	3.9	999.9	999.9	57	-0.6	999.99	0.16	RB 1
77	11	6	12	4.5	50	999.9	999	4.5	40	3.9	999.9	999.9	55	-0.6	999.99	0.24	RB 1
77	11	6	13	7.0	356	999.9	999	7.5	356	3.9	999.9	999.9	54	-0.6	999.99	0.14	RB 1
77	11	6	14	10.0	265	999.9	999	10.0	270	2.9	999.9	999.9	60	0.3	999.99	0.14	RB 1
77	11	6	15	11.0	308	999.9	999	14.0	313	3.4	999.9	999.9	63	-0.3	999.99	0.10	RB 1
77	11	6	16	13.5	324	999.9	999	16.0	324	3.9	999.9	999.9	59	-0.4	999.99	0.08	RB 1
77	11	6	17	13.0	286	999.9	999	16.5	292	3.4	999.9	999.9	57	-0.2	999.99	0.00	RB 1
77	11	6	18	7.0	270	999.9	999	11.0	281	1.2	999.9	999.9	59	-0.1	999.99	0.00	RB 1
77	11	6	19	8.0	302	999.9	999	12.5	302	1.8	999.9	999.9	69	-0.2	999.99	0.00	RB 1
77	11	6	20	9.0	313	999.9	999	12.5	313	1.8	999.9	999.9	67	-0.2	999.99	0.00	RB 1
77	11	6	21	7.0	324	999.9	999	10.0	346	1.8	999.9	999.9	64	0.2	999.99	0.00	RB 1
77	11	6	22	5.5	302	999.9	999	6.0	346	2.3	999.9	999.9	63	0.0	999.99	0.00	RB 1
77	11	6	23	4.0	351	999.9	999	6.5	13	1.8	999.9	999.9	61	-0.1	999.99	0.00	RB 1
77	11	6	24	2.5	83	999.9	999	2.0	29	1.2	999.9	999.9	64	0.1	999.99	0.00	RB 1
77	11	7	1	3.5	270	999.9	999	2.5	2	1.2	999.9	999.9	70	0.1	999.99	0.00	RB 1
77	11	7	2	4.5	313	999.9	999	5.0	356	1.2	999.9	999.9	74	0.1	999.99	0.00	RB 1
77	11	7	3	5.0	308	999.9	999	5.0	356	1.2	999.9	999.9	68	0.1	999.99	0.00	RB 1
77	11	7	4	6.0	313	999.9	999	7.0	346	0.7	999.9	999.9	66	0.1	999.99	0.00	RB 1
77	11	7	5	4.5	351	999.9	999	6.5	7	0.7	999.9	999.9	65	-0.2	999.99	0.00	RB 1
77	11	7	6	5.0	340	999.9	999	7.0	2	0.1	999.9	999.9	61	-0.1	999.99	0.00	RB 1
77	11	7	7	2.0	356	999.9	999	4.5	7	0.1	999.9	999.9	60	-0.1	999.99	0.00	RB 1
77	11	7	8	3.5	178	999.9	999	3.0	162	0.1	999.9	999.9	61	-0.1	999.99	0.00	RB 1
77	11	7	9	2.5	157	999.9	999	1.5	135	0.7	999.9	999.9	55	-0.6	999.99	0.18	RB 1

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		------TEMPERATURE------			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	11	7	10	7.5	13	999.9	999	7.5	13	1.8	999.9	999.9	48	-0.6	999.99	0.24	RB 1
77	11	7	11	8.0	18	999.9	999	7.5	34	2.9	999.9	999.9	44	-0.6	999.99	0.60	RB 1
77	11	7	12	7.5	45	999.9	999	8.5	50	4.5	999.9	999.9	35	-0.8	999.99	0.82	RB 1
77	11	7	13	6.0	61	999.9	999	7.0	65	5.6	999.9	999.9	25	-0.6	999.99	0.74	RB 1
77	11	7	14	6.0	29	999.9	999	6.0	34	6.7	999.9	999.9	23	-0.6	999.99	0.66	RB 1
77	11	7	15	9.0	356	999.9	999	10.0	346	7.2	999.9	999.9	23	-0.6	999.99	0.54	RB 1
77	11	7	16	7.0	356	999.9	999	7.5	356	7.2	999.9	999.9	31	-0.5	999.99	0.30	RB 1
77	11	7	17	9.0	313	999.9	999	11.5	313	6.1	999.9	999.9	31	-0.1	999.99	0.10	RB 1
77	11	7	18	8.0	292	999.9	999	9.5	319	4.5	999.9	999.9	49	0.8	999.99	0.00	RB 1
77	11	7	19	6.5	286	999.9	999	8.0	319	3.9	999.9	999.9	45	1.0	999.99	0.00	RB 1
77	11	7	20	3.5	259	999.9	999	1.5	302	4.5	999.9	999.9	41	0.1	999.99	0.00	RB 1
77	11	7	21	3.5	329	999.9	999	5.0	313	3.4	999.9	999.9	38	0.7	999.99	0.00	RB 1
77	11	7	22	15.0	23	999.9	999	14.0	18	2.3	999.9	999.9	49	0.1	999.99	0.00	RB 1
77	11	7	23	7.5	45	999.9	999	9.5	45	0.7	999.9	999.9	43	-0.4	999.99	0.00	RB 1
77	11	7	24	7.5	34	999.9	999	10.0	23	-0.4	999.9	999.9	42	-0.5	999.99	0.00	RB 1
77	11	8	1	10.5	18	999.9	999	12.0	18	-0.9	999.9	999.9	34	-0.5	999.99	0.00	RB 1
77	11	8	2	9.0	13	999.9	999	11.0	23	-3.1	999.9	999.9	60	-0.4	999.99	0.00	RB 1
77	11	8	3	4.5	45	999.9	999	4.5	72	-3.7	999.9	999.9	68	-0.4	999.99	0.00	RB 1
77	11	8	4	7.0	216	999.9	999	7.5	205	-4.2	999.9	999.9	69	-0.5	999.99	0.00	RB 1
77	11	8	5	12.0	346	999.9	999	12.0	351	-5.3	999.9	999.9	67	-0.2	999.99	0.00	RB 1
77	11	8	6	8.0	335	999.9	999	10.0	340	-5.3	999.9	999.9	58	-0.5	999.99	0.00	RB 1
77	11	8	7	7.0	346	999.9	999	10.5	351	-5.8	999.9	999.9	49	-0.1	999.99	0.00	RB 1
77	11	8	8	23.0	351	999.9	999	26.0	356	-6.4	999.9	999.9	40	-0.1	999.99	999.99	RB 1
77	11	8	9	21.5	346	999.9	999	23.5	351	-6.4	999.9	999.9	33	-0.5	999.99	999.99	RB 1
77	11	8	10	19.0	346	999.9	999	21.5	351	-6.4	999.9	999.9	33	-0.4	999.99	999.99	RB 1
77	11	8	11	19.0	356	999.9	999	20.5	356	-6.4	999.9	999.9	29	-0.5	999.99	999.99	RB 1
77	11	8	12	14.5	356	999.9	999	16.0	356	-5.8	999.9	999.9	27	-0.6	999.99	0.80	RB 1
77	11	8	13	15.5	2	999.9	999	16.5	2	-5.3	999.9	999.9	28	-0.7	999.99	0.42	RB 1
77	11	8	14	15.0	2	999.9	999	17.0	2	-6.9	999.9	999.9	48	-0.6	999.99	0.28	RB 1
77	11	8	15	17.0	2	999.9	999	19.0	2	-7.5	999.9	999.9	44	-0.5	999.99	0.28	RB 1
77	11	8	16	15.0	7	999.9	999	16.0	7	-6.9	999.9	999.9	35	-0.5	999.99	0.22	RB 1
77	11	8	17	11.0	351	999.9	999	13.0	7	-6.9	999.9	999.9	28	-0.4	999.99	0.08	RB 1
77	11	8	18	8.0	319	999.9	999	12.0	2	-8.0	999.9	999.9	30	0.2	999.99	0.00	RB 1
77	11	8	19	10.5	335	999.9	999	15.0	2	-9.6	999.9	999.9	34	1.3	999.99	0.00	RB 1
77	11	8	20	8.5	319	999.9	999	12.5	2	-10.2	999.9	999.9	35	1.2	999.99	0.00	RB 1
77	11	8	21	8.0	308	999.9	999	9.5	351	-10.7	999.9	999.9	36	1.5	999.99	0.00	RB 1
77	11	8	22	6.0	302	999.9	999	8.0	351	-10.7	999.9	999.9	41	1.1	999.99	0.00	RB 1
77	11	8	23	6.0	286	999.9	999	4.5	324	-11.2	999.9	999.9	42	1.1	999.99	0.00	RB 1
77	11	8	24	6.0	286	999.9	999	5.5	324	-10.2	999.9	999.9	40	0.2	999.99	0.00	RB 1
77	11	9	1	7.5	292	999.9	999	7.0	340	-10.7	999.9	999.9	37	0.6	999.99	0.00	RB 1
77	11	9	2	6.0	286	999.9	999	5.0	335	-10.7	999.9	999.9	32	1.0	999.99	0.00	RB 1
77	11	9	3	2.5	270	999.9	999	2.0	13	-10.7	999.9	999.9	31	0.6	999.99	0.00	RB 1
77	11	9	4	2.5	216	999.9	999	1.5	157	-10.7	999.9	999.9	31	0.2	999.99	0.00	RB 1
77	11	9	5	5.0	211	999.9	999	4.5	194	-10.7	999.9	999.9	33	-0.1	999.99	0.00	RB 1
77	11	9	6	5.0	216	999.9	999	99.9	200	-10.7	999.9	999.9	32	0.1	999.99	0.00	RB 1
77	11	9	7	6.0	227	999.9	999	99.9	216	-10.2	999.9	999.9	30	-0.1	999.99	0.00	RB 1
77	11	9	8	6.5	243	999.9	999	99.9	227	-9.1	999.9	999.9	28	-0.1	999.99	0.12	RB 1
77	11	9	9	7.0	167	999.9	999	7.0	178	-8.5	999.9	999.9	27	-0.5	999.99	0.30	RB 1
77	11	9	10	8.0	184	999.9	999	9.0	205	-6.9	999.9	999.9	27	-0.7	999.99	0.54	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	11	9	11	8.5	254	999.9	999	9.0	243	-5.8	999.9	999.9	26	-0.7	999.99	0.68	RB 1
77	11	9	12	9.0	243	999.9	999	11.0	252	-4.7	999.9	999.9	26	-0.7	999.99	0.76	RB 1
77	11	9	13	8.5	243	999.9	999	10.5	238	-3.7	999.9	999.9	25	-0.9	999.99	0.78	RB 1
77	11	9	14	9.0	232	999.9	999	12.0	232	-2.6	999.9	999.9	25	-0.9	999.99	0.70	RB 1
77	11	9	15	6.0	232	999.9	999	7.5	232	-2.0	999.9	999.9	25	-0.7	999.99	0.56	RB 1
77	11	9	16	7.0	178	999.9	999	8.0	189	-2.0	999.9	999.9	24	-0.4	999.99	0.36	RB 1
77	11	9	17	6.5	227	999.9	999	10.0	211	-3.1	999.9	999.9	25	0.1	999.99	0.10	RB 1
77	11	9	18	10.0	243	999.9	999	10.0	248	-3.1	999.9	999.9	26	0.6	999.99	0.00	RB 1
77	11	9	19	3.5	173	999.9	999	5.5	167	-4.7	999.9	999.9	27	1.0	999.99	0.00	RB 1
77	11	9	20	3.0	216	999.9	999	5.0	205	-3.7	999.9	999.9	28	0.7	999.99	0.00	RB 1
77	11	9	21	2.5	999	999.9	999	5.0	227	-3.7	999.9	999.9	26	0.6	999.99	0.00	RB 1
77	11	9	22	3.0	184	999.9	999	3.0	178	-3.1	999.9	999.9	27	0.4	999.99	0.00	RB 1
77	11	9	23	4.0	243	999.9	999	7.5	254	-2.6	999.9	999.9	27	0.7	999.99	0.00	RB 1
77	11	9	24	6.5	232	999.9	999	8.0	243	-2.6	999.9	999.9	26	0.4	999.99	0.00	RB 1
77	11	10	1	6.0	216	999.9	999	9.0	248	-3.7	999.9	999.9	26	0.7	999.99	0.00	RB 1
77	11	10	2	2.5	999	999.9	999	7.0	254	-3.7	999.9	999.9	27	1.4	999.99	0.00	RB 1
77	11	10	3	4.0	259	999.9	999	4.0	248	-2.6	999.9	999.9	27	0.3	999.99	0.00	RB 1
77	11	10	4	2.0	286	999.9	999	2.0	232	-3.7	999.9	999.9	26	0.8	999.99	0.00	RB 1
77	11	10	5	2.0	292	999.9	999	1.5	61	-4.2	999.9	999.9	27	1.0	999.99	0.00	RB 1
77	11	10	6	3.0	189	999.9	999	3.0	216	-3.1	999.9	999.9	27	0.9	999.99	0.00	RB 1
77	11	10	7	2.0	356	999.9	999	2.5	189	-2.6	999.9	999.9	27	0.6	999.99	0.00	RB 1
77	11	10	8	2.5	83	999.9	999	3.0	178	-2.0	999.9	999.9	30	0.8	999.99	0.06	RB 1
77	11	10	9	3.0	97	999.9	999	3.5	162	-0.4	999.9	999.9	23	0.2	999.99	0.30	RB 1
77	11	10	10	5.5	243	999.9	999	5.0	205	1.2	999.9	999.9	22	-0.1	999.99	0.50	RB 1
77	11	10	11	6.5	238	999.9	999	6.5	227	3.4	999.9	999.9	22	-0.6	999.99	0.66	RB 1
77	11	10	12	8.0	243	999.9	999	8.5	238	4.5	999.9	999.9	22	-0.5	999.99	0.74	RB 1
77	11	10	13	7.0	238	999.9	999	7.5	238	5.0	999.9	999.9	22	-0.5	999.99	0.76	RB 1
77	11	10	14	7.5	238	999.9	999	8.5	232	5.6	999.9	999.9	22	-0.5	999.99	0.68	RB 1
77	11	10	15	6.5	232	999.9	999	7.5	238	6.1	999.9	999.9	22	-0.5	999.99	0.54	RB 1
77	11	10	16	8.0	243	999.9	999	7.0	243	5.6	999.9	999.9	22	-0.2	999.99	0.34	RB 1
77	11	10	17	6.5	211	999.9	999	8.0	227	5.0	999.9	999.9	22	0.0	999.99	0.08	RB 1
77	11	10	18	5.5	216	999.9	999	6.0	232	4.5	999.9	999.9	23	0.9	999.99	0.00	RB 1
77	11	10	19	4.5	259	999.9	999	4.5	292	5.0	999.9	999.9	23	1.3	999.99	0.00	RB 1
77	11	10	20	4.5	292	999.9	999	4.0	313	5.0	999.9	999.9	23	0.7	999.99	0.00	RB 1
77	11	10	21	8.0	248	999.9	999	5.0	243	4.5	999.9	999.9	23	1.2	999.99	0.00	RB 1
77	11	10	22	8.0	243	999.9	999	9.5	265	5.4	999.9	999.9	23	1.9	999.99	0.00	RB 1
77	11	10	23	4.0	281	999.9	999	3.0	313	1.8	999.9	999.9	24	1.4	999.99	0.00	RB 1
77	11	10	24	4.0	281	999.9	999	2.0	297	1.8	999.9	999.9	25	1.1	999.99	0.00	RB 1
77	11	11	1	3.0	194	999.9	999	1.5	178	2.9	999.9	999.9	25	1.2	999.99	0.00	RB 1
77	11	11	2	1.5	72	999.9	999	1.5	238	2.9	999.9	999.9	25	0.8	999.99	0.00	RB 1
77	11	11	3	3.0	286	999.9	999	2.5	221	0.1	999.9	999.9	25	1.0	999.99	0.00	RB 1
77	11	11	4	2.0	259	999.9	999	1.5	259	1.2	999.9	999.9	25	1.1	999.99	0.00	RB 1
77	11	11	5	2.0	297	999.9	999	2.0	227	1.8	999.9	999.9	25	1.2	999.99	0.00	RB 1
77	11	11	6	2.0	324	999.9	999	2.5	238	1.8	999.9	999.9	25	1.4	999.99	0.00	RB 1
77	11	11	7	2.5	324	999.9	999	1.0	54	0.7	999.9	999.9	25	0.9	999.99	0.00	RB 1
77	11	11	8	2.0	76	999.9	999	1.0	194	1.2	999.9	999.9	24	0.6	999.99	0.08	RB 1
77	11	11	9	2.5	119	999.9	999	1.5	157	3.4	999.9	999.9	22	-0.1	999.99	0.28	RB 1
77	11	11	10	2.5	61	999.9	999	1.5	999	5.6	999.9	999.9	21	-0.2	999.99	0.46	RB 1
77	11	11	11	3.0	61	999.9	999	3.0	92	7.2	999.9	999.9	19	-0.3	999.99	0.60	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFFGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	11	11	12	5.0	173	999.9	999	5.0	151	999.9	999.9	999.9	19	999.9	999.99	0.64	RB 1
77	11	11	13	4.0	124	999.9	999	6.0	162	9.4	999.9	999.9	18	-0.5	999.99	0.74	RB 1
77	11	11	14	6.5	205	999.9	999	8.0	221	9.4	999.9	999.9	20	-0.5	999.99	0.60	RB 1
77	11	11	15	5.5	211	999.9	999	7.5	221	8.8	999.9	999.9	21	-0.4	999.99	0.30	RB 1
77	11	11	16	5.5	227	999.9	999	10.0	221	7.7	999.9	999.9	21	-0.2	999.99	0.22	RB 1
77	11	11	17	4.5	211	999.9	999	7.0	216	6.1	999.9	999.9	22	0.0	999.99	0.06	RB 1
77	11	11	18	5.0	270	999.9	999	6.0	216	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	11	19	4.0	200	999.9	999	9.5	200	5.0	999.9	999.9	23	0.7	999.99	0.00	RB 1
77	11	11	20	6.5	232	999.9	999	11.0	211	5.6	999.9	999.9	22	0.4	999.99	0.00	RB 1
77	11	11	21	3.5	999	999.9	999	4.5	216	5.0	999.9	999.9	22	0.4	999.99	0.00	RB 1
77	11	11	22	9.5	243	999.9	999	10.5	227	5.0	999.9	999.9	23	0.4	999.99	0.00	RB 1
77	11	11	23	5.5	211	999.9	999	7.0	211	5.6	999.9	999.9	23	-0.2	999.99	0.00	RB 1
77	11	11	24	3.5	216	999.9	999	6.5	211	4.5	999.9	999.9	23	0.0	999.99	0.00	RB 1
77	11	12	1	3.0	232	999.9	999	6.0	211	3.9	999.9	999.9	23	0.2	999.99	0.00	RB 1
77	11	12	2	4.5	216	999.9	999	9.5	216	4.5	999.9	999.9	23	0.2	999.99	0.00	RB 1
77	11	12	3	3.5	227	999.9	999	7.5	227	3.9	999.9	999.9	23	0.2	999.99	0.00	RB 1
77	11	12	4	3.0	189	999.9	999	4.5	194	3.9	999.9	999.9	23	0.3	999.99	0.00	RB 1
77	11	12	5	3.0	216	999.9	999	4.0	200	3.4	999.9	999.9	24	0.0	999.99	0.00	RB 1
77	11	12	6	5.0	221	999.9	999	5.5	205	3.9	999.9	999.9	24	0.2	999.99	0.00	RB 1
77	11	12	7	6.0	232	999.9	999	9.5	221	3.4	999.9	999.9	24	0.4	999.99	0.00	RB 1
77	11	12	8	8.5	238	999.9	999	14.5	221	3.9	999.9	999.9	24	0.3	999.99	0.00	RB 1
77	11	12	9	8.0	221	999.9	999	12.0	227	6.7	999.9	999.9	23	-0.4	999.99	0.26	RB 1
77	11	12	10	17.0	248	999.9	999	21.0	248	6.7	999.9	999.9	22	-0.1	999.99	0.50	RB 1
77	11	12	11	12.5	254	999.9	999	15.0	243	8.3	999.9	999.9	22	-0.3	999.99	0.64	RB 1
77	11	12	12	5.5	243	999.9	999	7.5	227	9.4	999.9	999.9	20	-0.5	999.99	0.74	RB 1
77	11	12	13	9.5	248	999.9	999	12.0	238	9.4	999.9	999.9	20	-0.5	999.99	0.74	RB 1
77	11	12	14	11.5	248	999.9	999	14.0	243	9.4	999.9	999.9	20	-0.5	999.99	0.66	RB 1
77	11	12	15	7.0	238	999.9	999	8.0	221	9.9	999.9	999.9	21	-0.5	999.99	0.52	RB 1
77	11	12	16	4.5	211	999.9	999	6.0	216	9.4	999.9	999.9	20	-0.2	999.99	0.34	RB 1
77	11	12	17	6.0	238	999.9	999	8.0	227	8.3	999.9	999.9	21	0.0	999.99	0.06	RB 1
77	11	12	18	8.0	238	999.9	999	6.0	221	7.7	999.9	999.9	22	0.2	999.99	0.00	RB 1
77	11	12	19	5.0	221	999.9	999	4.5	205	6.7	999.9	999.9	22	1.1	999.99	0.00	RB 1
77	11	12	20	4.0	259	999.9	999	2.5	254	7.7	999.9	999.9	23	0.3	999.99	0.00	RB 1
77	11	12	21	5.5	259	999.9	999	3.0	254	8.3	999.9	999.9	22	0.2	999.99	0.00	RB 1
77	11	12	22	11.0	243	999.9	999	9.0	243	7.7	999.9	999.9	22	0.6	999.99	0.00	RB 1
77	11	12	23	12.0	243	999.9	999	11.5	254	999.9	999.9	999.9	22	999.9	999.99	0.00	RB 1
77	11	12	24	12.0	248	999.9	999	13.5	254	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	11	13	1	10.5	205	999.9	999	12.5	232	999.9	999.9	999.9	999	999.9	999.99	999.99	RB 1
77	11	13	2	4.5	999	999.9	999	6.0	232	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	13	3	4.0	270	999.9	999	3.5	259	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	13	4	2.5	275	999.9	999	3.0	216	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	13	5	3.0	216	999.9	999	2.5	227	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	13	6	2.0	124	999.9	999	1.0	227	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	13	7	2.5	238	999.9	999	2.5	178	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	13	8	1.5	81	999.9	999	2.5	151	999.9	999.9	999.9	23	999.9	999.99	0.06	RB 1
77	11	13	9	3.0	70	999.9	999	2.0	119	999.9	999.9	999.9	21	999.9	999.99	0.28	RB 1
77	11	13	10	3.5	38	999.9	999	3.5	113	999.9	999.9	999.9	20	999.9	999.99	0.46	RB 1
77	11	13	11	7.0	178	999.9	999	10.0	200	999.9	999.9	999.9	20	999.9	999.99	0.66	RB 1
77	11	13	12	8.0	189	999.9	999	11.0	205	999.9	999.9	999.9	20	999.9	999.99	0.66	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	11	13	13	9.5	200	999.9	999	13.5	205	999.9	999.9	999.9	20	999.9	999.99	0.68	RB 1
77	11	13	14	10.0	194	999.9	999	13.0	205	999.9	999.9	999.9	20	999.9	999.99	0.60	RB 1
77	11	13	15	8.0	184	999.9	999	12.0	200	999.9	999.9	999.9	20	999.9	999.99	0.42	RB 1
77	11	13	16	10.0	194	999.9	999	16.5	216	999.9	999.9	999.9	21	999.9	999.99	0.24	RB 1
77	11	13	17	7.5	221	999.9	999	12.5	227	999.9	999.9	999.9	22	999.9	999.99	0.06	RB 1
77	11	13	18	9.0	221	999.9	999	16.5	238	999.9	999.9	999.9	22	999.9	999.99	0.00	RB 1
77	11	13	19	2.0	124	999.9	999	3.5	200	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	13	20	2.0	151	999.9	999	5.0	232	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	13	21	7.0	216	999.9	999	16.0	221	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	13	22	10.0	238	999.9	999	18.5	221	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	13	23	14.0	254	999.9	999	20.0	227	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	13	24	13.0	248	999.9	999	20.5	248	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	14	1	10.5	243	999.9	999	17.0	248	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	14	2	5.5	238	999.9	999	8.0	238	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	14	3	6.5	221	999.9	999	10.0	243	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	14	4	6.5	297	999.9	999	9.0	248	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	14	5	3.0	173	999.9	999	3.5	178	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	14	6	2.0	18	999.9	999	4.5	43	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	14	7	5.0	189	999.9	999	5.0	178	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	11	14	8	6.0	216	999.9	999	6.0	200	999.9	999.9	999.9	24	999.9	999.99	0.06	RB 1
77	11	14	9	5.0	173	999.9	999	5.0	178	999.9	999.9	999.9	23	999.9	999.99	0.28	RB 1
77	11	14	10	10.0	243	999.9	999	11.0	243	999.9	999.9	999.9	22	999.9	999.99	0.48	RB 1
77	11	14	11	13.5	265	999.9	999	16.5	265	999.9	999.9	999.9	22	999.9	999.99	0.64	RB 1
77	11	14	12	14.5	248	999.9	999	18.5	248	999.9	999.9	999.9	22	999.9	999.99	0.72	RB 1
77	11	14	13	15.5	254	999.9	999	18.0	248	999.9	999.9	999.9	22	999.9	999.99	0.72	RB 1
77	11	14	14	13.0	254	999.9	999	17.0	254	999.9	999.9	999.9	22	999.9	999.99	0.34	RB 1
77	11	14	15	15.0	265	999.9	999	18.5	265	999.9	999.9	999.9	22	999.9	999.99	0.30	RB 1
77	11	14	16	13.0	254	999.9	999	16.0	254	999.9	999.9	999.9	22	999.9	999.99	0.22	RB 1
77	11	14	17	13.0	254	999.9	999	18.0	259	999.9	999.9	999.9	23	999.9	999.99	0.06	RB 1
77	11	14	18	11.5	270	999.9	999	16.5	270	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	14	19	10.0	270	999.9	999	14.0	286	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	14	20	8.5	275	999.9	999	13.5	281	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	14	21	12.0	286	999.9	999	17.0	286	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	14	22	9.0	297	999.9	999	12.0	292	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	14	23	6.5	254	999.9	999	7.0	254	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	14	24	11.0	232	999.9	999	17.0	248	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	15	1	12.5	254	999.9	999	17.5	254	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	15	2	14.0	248	999.9	999	19.5	254	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	15	3	14.0	243	999.9	999	17.5	254	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	15	4	16.0	254	999.9	999	22.5	254	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	15	5	5.5	151	999.9	999	6.5	286	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	11	15	6	4.5	227	999.9	999	5.0	259	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	11	15	7	5.0	232	999.9	999	5.0	254	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	11	15	8	8.0	243	999.9	999	12.0	243	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	15	9	10.0	238	999.9	999	13.5	232	999.9	999.9	999.9	24	999.9	999.99	0.26	RB 1
77	11	15	10	17.0	248	999.9	999	22.0	248	999.9	999.9	999.9	23	999.9	999.99	0.46	RB 1
77	11	15	11	20.0	254	999.9	999	26.5	254	999.9	999.9	999.9	24	999.9	999.99	0.60	RB 1
77	11	15	12	20.0	259	999.9	999	26.0	259	999.9	999.9	999.9	24	999.9	999.99	0.46	RB 1
77	11	15	13	19.5	259	999.9	999	25.0	265	999.9	999.9	999.9	25	999.9	999.99	0.58	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	11	15	14	99.9	999	999.9	999	99.9	999	999.9	999.9	999.9	23	999.9	999.99	999.99	RB 1
77	11	15	15	17.5	259	999.9	999	21.5	254	999.9	999.9	999.9	22	999.9	999.99	0.48	RB 1
77	11	15	16	15.5	254	999.9	999	20.0	254	999.9	999.9	999.9	22	999.9	999.99	0.28	RB 1
77	11	15	17	10.5	254	999.9	999	14.5	259	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	15	18	9.0	243	999.9	999	13.0	243	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	15	19	12.0	254	999.9	999	17.0	254	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	15	20	15.0	265	999.9	999	21.5	265	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	15	21	18.0	270	999.9	999	25.5	270	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	15	22	20.0	259	999.9	999	27.0	259	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	15	23	17.0	259	999.9	999	23.5	259	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	15	24	17.0	254	999.9	999	23.0	259	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	16	1	16.5	259	999.9	999	23.0	265	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	16	2	18.0	259	999.9	999	25.0	265	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	16	3	15.5	259	999.9	999	22.0	265	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	16	4	14.5	254	999.9	999	21.0	259	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	16	5	15.0	259	999.9	999	21.0	259	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	16	6	19.5	259	999.9	999	26.0	265	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	16	7	18.5	254	999.9	999	24.5	259	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	16	8	18.5	254	999.9	999	25.0	259	999.9	999.9	999.9	24	999.9	999.99	0.06	RB 1
77	11	16	9	20.0	254	999.9	999	25.0	254	999.9	999.9	999.9	23	999.9	999.99	0.26	RB 1
77	11	16	10	19.0	259	999.9	999	23.5	259	999.9	999.9	999.9	23	999.9	999.99	0.48	RB 1
77	11	16	11	22.5	265	999.9	999	28.0	265	999.9	999.9	999.9	23	999.9	999.99	0.60	RB 1
77	11	16	12	24.5	259	999.9	999	31.0	265	999.9	999.9	999.9	22	999.9	999.99	0.70	RB 1
77	11	16	13	22.5	259	999.9	999	29.0	259	999.9	999.9	999.9	22	999.9	999.99	0.70	RB 1
77	11	16	14	23.0	259	999.9	999	30.0	259	999.9	999.9	999.9	22	999.9	999.99	0.64	RB 1
77	11	16	15	22.5	259	999.9	999	29.0	265	999.9	999.9	999.9	21	999.9	999.99	0.46	RB 1
77	11	16	16	21.5	265	999.9	999	28.0	265	999.9	999.9	999.9	22	999.9	999.99	0.26	RB 1
77	11	16	17	20.0	259	999.9	999	26.5	265	999.9	999.9	999.9	22	999.9	999.99	0.00	RB 1
77	11	16	18	16.5	265	999.9	999	22.0	265	999.9	999.9	999.9	22	999.9	999.99	0.00	RB 1
77	11	16	19	14.0	265	999.9	999	18.5	270	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	16	20	14.5	270	999.9	999	20.0	270	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	16	21	17.0	265	999.9	999	23.0	270	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	16	22	17.5	265	999.9	999	24.5	270	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	16	23	18.0	265	999.9	999	25.0	265	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	16	24	17.0	281	999.9	999	24.0	275	999.9	999.9	999.9	23	999.9	999.99	0.00	RB 1
77	11	17	1	12.5	275	999.9	999	18.5	275	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	17	2	5.0	340	999.9	999	8.0	335	999.9	999.9	999.9	24	999.9	999.99	0.00	RB 1
77	11	17	3	3.0	329	999.9	999	5.0	7	999.9	999.9	999.9	25	999.9	999.99	0.00	RB 1
77	11	17	4	3.5	335	999.9	999	5.0	23	999.9	999.9	999.9	26	999.9	999.99	0.00	RB 1
77	11	17	5	3.5	292	999.9	999	3.5	340	999.9	999.9	999.9	27	999.9	999.99	0.00	RB 1
77	11	17	6	3.5	261	999.9	999	2.0	7	999.9	999.9	999.9	27	999.9	999.99	0.00	RB 1
77	11	17	7	2.0	270	999.9	999	1.0	189	999.9	999.9	999.9	27	999.9	999.99	0.00	RB 1
77	11	17	8	2.5	184	999.9	999	2.0	173	999.9	999.9	999.9	27	999.9	999.99	0.06	RB 1
77	11	17	9	3.5	45	999.9	999	3.0	61	999.9	999.9	999.9	24	999.9	999.99	0.24	RB 1
77	11	17	10	6.0	351	999.9	999	4.0	67	999.9	999.9	999.9	22	999.9	999.99	0.44	RB 1
77	11	17	11	11.5	243	999.9	999	15.0	243	999.9	999.9	999.9	22	999.9	999.99	0.62	RB 1
77	11	17	12	13.5	254	999.9	999	17.0	248	999.9	999.9	999.9	22	999.9	999.99	0.68	RB 1
77	11	17	13	14.0	248	999.9	999	17.5	243	999.9	999.9	999.9	22	999.9	999.99	0.66	RB 1
77	11	17	14	11.0	248	999.9	999	13.0	243	999.9	999.9	999.9	22	999.9	999.99	0.58	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	11	17	15	8.5	227	999.9	999	10.5	227	5.0	999.9	999.9	21	-0.6	999.99	0.48	RB 1
77	11	17	16	7.0	211	999.9	999	12.0	216	5.0	999.9	999.9	22	-0.4	999.99	0.24	RB 1
77	11	17	17	7.0	238	999.9	999	12.5	221	3.9	999.9	999.9	23	-0.2	999.99	0.00	RB 1
77	11	17	18	9.0	254	999.9	999	13.5	221	3.4	999.9	999.9	23	-0.2	999.99	0.00	RB 1
77	11	17	19	8.0	232	999.9	999	12.5	227	3.4	999.9	999.9	23	-0.1	999.99	0.00	RB 1
77	11	17	20	8.0	238	999.9	999	15.0	227	3.9	999.9	999.9	23	-0.1	999.99	0.00	RB 1
77	11	17	21	7.5	270	999.9	999	15.0	221	3.9	999.9	999.9	23	-0.1	999.99	0.00	RB 1
77	11	17	22	8.5	211	999.9	999	16.0	221	4.5	999.9	999.9	22	-0.1	999.99	0.00	RB 1
77	11	17	23	11.0	200	999.9	999	19.0	216	4.5	999.9	999.9	22	-0.2	999.99	0.00	RB 1
77	11	17	24	10.5	200	999.9	999	18.0	216	4.5	999.9	999.9	22	-0.1	999.99	0.00	RB 1
77	11	18	1	10.5	200	999.9	999	18.0	216	5.0	999.9	999.9	22	-0.1	999.99	0.00	RB 1
77	11	18	2	10.0	254	999.9	999	14.5	248	4.5	999.9	999.9	22	-0.2	999.99	0.00	RB 1
77	11	18	3	14.5	232	999.9	999	20.5	286	2.9	999.9	999.9	22	0.0	999.99	0.00	RB 1
77	11	18	4	14.0	232	999.9	999	19.5	286	2.3	999.9	999.9	23	-0.1	999.99	0.00	RB 1
77	11	18	5	11.0	265	999.9	999	16.0	270	1.8	999.9	999.9	23	-0.1	999.99	0.00	RB 1
77	11	18	6	11.0	270	999.9	999	16.0	275	1.2	999.9	999.9	24	-0.1	999.99	0.00	RB 1
77	11	18	7	8.0	286	999.9	999	10.0	319	0.7	999.9	999.9	24	-0.2	999.99	0.00	RB 1
77	11	18	8	3.0	81	999.9	999	3.0	45	-2.0	999.9	999.9	27	-0.2	999.99	0.00	RB 1
77	11	18	9	3.0	162	999.9	999	2.5	178	-3.1	999.9	999.9	48	-0.2	999.99	0.00	RB 1
77	11	18	10	3.5	173	999.9	999	4.0	178	-2.6	999.9	999.9	60	-0.4	999.99	0.06	RB 1
77	11	18	11	4.0	157	999.9	999	4.0	162	-2.0	999.9	999.9	58	-0.5	999.99	0.06	RB 1
77	11	18	12	12.0	184	999.9	999	22.0	194	1.2	999.9	999.9	54	-0.1	999.99	0.16	RB 1
77	11	18	13	19.5	194	999.9	999	32.0	205	3.4	999.9	999.9	26	-0.2	999.99	0.26	RB 1
77	11	18	14	18.0	200	999.9	999	29.5	205	3.9	999.9	999.9	24	-0.3	999.99	0.28	RB 1
77	11	18	15	17.5	200	999.9	999	28.0	205	4.5	999.9	999.9	23	-0.3	999.99	0.22	RB 1
77	11	18	16	16.0	194	999.9	999	24.0	205	5.9	999.9	999.9	23	-0.3	999.99	0.16	RB 1
77	11	18	17	14.0	189	999.9	999	21.0	194	3.4	999.9	999.9	24	-0.2	999.99	0.00	RB 1
77	11	18	18	16.0	189	999.9	999	23.5	194	3.9	999.9	999.9	24	-0.3	999.99	0.00	RB 1
77	11	18	19	13.0	189	999.9	999	20.0	189	3.4	999.9	999.9	23	-0.1	999.99	0.00	RB 1
77	11	18	20	13.0	189	999.9	999	20.0	189	2.9	999.9	999.9	24	-0.1	999.99	0.00	RB 1
77	11	18	21	12.5	200	999.9	999	21.0	205	3.9	999.9	999.9	24	-0.1	999.99	0.00	RB 1
77	11	18	22	17.0	200	999.9	999	28.0	211	3.9	999.9	999.9	23	-0.2	999.99	0.00	RB 1
77	11	18	23	16.5	200	999.9	999	27.0	211	3.9	999.9	999.9	23	-0.2	999.99	0.00	RB 1
77	11	18	24	20.0	200	999.9	999	33.0	211	3.9	999.9	999.9	23	-0.2	999.99	0.00	RB 1
77	11	19	1	17.5	200	999.9	999	27.5	205	2.9	999.9	999.9	23	-0.3	999.99	0.00	RB 1
77	11	19	2	16.5	200	999.9	999	27.5	211	1.8	999.9	999.9	24	-0.3	999.99	0.00	RB 1
77	11	19	3	15.0	200	999.9	999	25.0	211	1.2	999.9	999.9	28	-0.3	999.99	0.00	RB 1
77	11	19	4	18.0	200	999.9	999	29.0	211	1.8	999.9	999.9	25	-0.3	999.99	0.00	RB 1
77	11	19	5	15.0	194	999.9	999	23.5	205	0.7	999.9	999.9	26	-0.3	999.99	0.00	RB 1
77	11	19	6	14.5	194	999.9	999	23.0	205	0.7	999.9	999.9	27	-0.3	999.99	0.00	RB 1
77	11	19	7	20.0	189	999.9	999	29.5	200	1.2	999.9	999.9	25	-0.2	999.99	0.00	RB 1
77	11	19	8	14.0	189	999.9	999	21.5	194	-0.9	999.9	999.9	40	-0.2	999.99	999.99	RB 1
77	11	19	9	13.5	205	999.9	999	21.5	211	999.9	999.9	999.9	52	999.9	999.99	999.99	RB 1
77	11	19	10	15.5	275	999.9	999	21.5	281	999.9	999.9	999.9	65	999.9	999.99	999.99	RB 1
77	11	19	11	10.0	270	999.9	999	15.0	275	999.9	999.9	999.9	71	999.9	999.99	999.99	RB 1
77	11	19	12	7.0	13	999.9	999	8.5	5	999.9	999.9	999.9	68	999.9	999.99	999.99	RB 1
77	11	19	13	8.0	346	999.9	999	10.0	351	999.9	999.9	999.9	65	999.9	999.99	999.99	RB 1
77	11	19	14	4.0	2	999.9	999	5.0	18	-9.1	999.9	999.9	63	-0.4	999.99	999.99	RB 1
77	11	19	15	3.0	243	999.9	999	3.0	270	-8.5	999.9	999.9	64	-0.5	999.99	999.99	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	11	19	16	3.0	243	999.9	999	3.5	281	-8.0	999.9	999.9	64	-0.3	999.99	999.99	RB 1
77	11	19	17	3.5	292	999.9	999	3.5	302	-8.0	999.9	999.9	64	-0.2	999.99	999.99	RB 1
77	11	19	18	3.5	999	999.9	999	4.0	324	-8.0	999.9	999.9	65	-0.2	999.99	999.99	RB 1
77	11	19	19	9.0	243	999.9	999	13.5	248	-7.5	999.9	999.9	60	-0.3	999.99	999.99	RB 1
77	11	19	20	15.5	281	999.9	999	21.0	275	-9.1	999.9	999.9	58	-0.3	999.99	999.99	RB 1
77	11	19	21	15.0	265	999.9	999	20.0	270	-9.6	999.9	999.9	53	-0.3	999.99	999.99	RB 1
77	11	19	22	11.5	259	999.9	999	15.5	265	-10.7	999.9	999.9	43	-0.2	999.99	999.99	RB 1
77	11	19	23	16.5	259	999.9	999	22.0	265	-11.8	999.9	999.9	36	-0.2	999.99	999.99	RB 1
77	11	19	24	17.0	254	999.9	999	13.5	259	-13.4	999.9	999.9	37	-0.1	999.99	999.99	RB 1
77	11	20	1	15.5	248	999.9	999	23.0	248	-13.9	999.9	999.9	32	0.0	999.99	999.99	RB 1
77	11	20	2	12.0	238	999.9	999	18.5	227	-14.5	999.9	999.9	30	0.0	999.99	999.99	RB 1
77	11	20	3	13.0	254	999.9	999	19.5	248	-14.5	999.9	999.9	29	0.1	999.99	999.99	RB 1
77	11	20	4	13.0	254	999.9	999	19.0	254	-14.5	999.9	999.9	29	0.3	999.99	999.99	RB 1
77	11	20	5	10.5	248	999.9	999	15.0	248	-14.5	999.9	999.9	30	0.2	999.99	999.99	RB 1
77	11	20	6	10.5	248	999.9	999	15.0	248	-14.5	999.9	999.9	30	0.2	999.99	999.99	RB 1
77	11	20	7	11.0	243	999.9	999	16.5	248	-15.0	999.9	999.9	30	0.1	999.99	999.99	RB 1
77	11	20	8	12.5	248	999.9	999	16.5	254	-14.5	999.9	999.9	29	-0.2	999.99	999.99	RB 1
77	11	20	9	9.5	243	999.9	999	13.5	243	-14.5	999.9	999.9	29	-0.3	999.99	999.99	RB 1
77	11	20	10	12.5	243	999.9	999	17.0	243	-13.4	999.9	999.9	28	-0.3	999.99	999.99	RB 1
77	11	20	11	13.0	248	999.9	999	16.0	248	-13.4	999.9	999.9	28	-0.5	999.99	999.99	RB 1
77	11	20	12	12.0	254	999.9	999	15.0	254	-12.9	999.9	999.9	28	-0.5	999.99	999.99	RB 1
77	11	20	13	11.5	259	999.9	999	13.0	254	-12.9	999.9	999.9	28	-0.5	999.99	999.99	RB 1
77	11	20	14	7.0	275	999.9	999	8.0	270	-12.9	999.9	999.9	28	-0.6	999.99	999.99	RB 1
77	11	20	15	3.5	319	999.9	999	3.5	297	-12.3	999.9	999.9	27	-0.6	999.99	0.48	RB 1
77	11	20	16	2.0	7	999.9	999	2.0	23	-12.9	999.9	999.9	27	-0.2	999.99	0.26	RB 1
77	11	20	17	4.0	216	999.9	999	3.5	162	-13.4	999.9	999.9	29	0.3	999.99	0.00	RB 1
77	11	20	18	6.5	221	999.9	999	5.0	184	-14.5	999.9	999.9	31	0.2	999.99	0.00	RB 1
77	11	20	19	4.0	227	999.9	999	3.0	178	-14.5	999.9	999.9	31	0.0	999.99	0.00	RB 1
77	11	20	20	1.0	232	999.9	999	1.0	162	-13.9	999.9	999.9	31	-0.1	999.99	0.00	RB 1
77	11	20	21	1.5	270	999.9	999	2.0	135	-14.5	999.9	999.9	32	0.0	999.99	0.00	RB 1
77	11	20	22	1.5	243	999.9	999	3.0	151	-14.5	999.9	999.9	32	0.2	999.99	0.00	RB 1
77	11	20	23	2.0	254	999.9	999	4.0	151	-12.9	999.9	999.9	32	0.9	999.99	0.00	RB 1
77	11	20	24	2.0	221	999.9	999	3.5	216	-11.8	999.9	999.9	31	0.3	999.99	0.00	RB 1
77	11	21	1	3.0	346	999.9	999	4.0	232	-11.2	999.9	999.9	31	0.5	999.99	0.00	RB 1
77	11	21	2	2.0	81	999.9	999	5.5	265	-10.7	999.9	999.9	30	0.3	999.99	0.00	RB 1
77	11	21	3	3.5	243	999.9	999	4.0	232	-10.2	999.9	999.9	30	0.1	999.99	0.00	RB 1
77	11	21	4	2.5	135	999.9	999	4.0	162	-9.6	999.9	999.9	29	0.3	999.99	0.00	RB 1
77	11	21	5	1.0	319	999.9	999	2.0	999	-9.1	999.9	999.9	29	0.3	999.99	0.00	RB 1
77	11	21	6	2.0	227	999.9	999	4.0	232	-8.0	999.9	999.9	29	0.6	999.99	0.00	RB 1
77	11	21	7	4.0	200	999.9	999	8.5	221	-6.4	999.9	999.9	29	0.1	999.99	0.00	RB 1
77	11	21	8	7.0	189	999.9	999	13.0	216	-5.3	999.9	999.9	28	0.1	999.99	0.00	RB 1
77	11	21	9	13.5	200	999.9	999	23.5	216	-4.2	999.9	999.9	28	-0.1	999.99	0.14	RB 1
77	11	21	10	15.0	200	999.9	999	25.0	216	-2.6	999.9	999.9	27	-0.3	999.99	0.32	RB 1
77	11	21	11	12.5	205	999.9	999	20.0	221	-2.0	999.9	999.9	26	-0.4	999.99	0.46	RB 1
77	11	21	12	10.5	221	999.9	999	17.5	227	-1.5	999.9	999.9	26	-0.5	999.99	0.48	RB 1
77	11	21	13	12.5	221	999.9	999	18.0	227	-0.9	999.9	999.9	25	-0.5	999.99	0.64	RB 1
77	11	21	14	13.0	227	999.9	999	23.0	221	-1.5	999.9	999.9	25	-0.3	999.99	0.34	RB 1
77	11	21	15	13.5	232	999.9	999	23.5	227	-2.0	999.9	999.9	26	-0.3	999.99	0.18	RB 1
77	11	21	16	15.5	227	999.9	999	27.0	221	-2.0	999.9	999.9	26	-0.3	999.99	0.10	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	11	21	17	15.5	238	999.9	999	25.0	227	-2.0	999.9	999.9	27	-0.3	999.99	0.00	RB 1
77	11	21	18	15.0	243	999.9	999	23.0	227	-2.0	999.9	999.9	27	-0.2	999.99	0.00	RB 1
77	11	21	19	15.5	248	999.9	999	23.5	227	-1.5	999.9	999.9	26	-0.2	999.99	0.00	RB 1
77	11	21	20	13.0	232	999.9	999	22.5	232	-2.6	999.9	999.9	27	-0.2	999.99	0.00	RB 1
77	11	21	21	12.5	227	999.9	999	23.0	221	-2.0	999.9	999.9	27	-0.2	999.99	0.00	RB 1
77	11	21	22	13.0	221	999.9	999	25.0	221	-1.5	999.9	999.9	27	-0.2	999.99	0.00	RB 1
77	11	21	23	12.5	238	999.9	999	22.0	221	-1.5	999.9	999.9	27	-0.2	999.99	0.00	RB 1
77	11	21	24	10.5	227	999.9	999	20.0	221	-1.5	999.9	999.9	26	-0.1	999.99	0.00	RB 1
77	11	22	1	10.5	216	999.9	999	20.0	221	-1.5	999.9	999.9	26	-0.2	999.99	0.00	RB 1
77	11	22	2	10.0	200	999.9	999	18.0	221	-0.9	999.9	999.9	26	-0.2	999.99	0.00	RB 1
77	11	22	3	15.0	205	999.9	999	27.5	216	-0.9	999.9	999.9	26	-0.2	999.99	0.00	RB 1
77	11	22	4	16.0	205	999.9	999	29.0	216	-1.5	999.9	999.9	36	-0.2	999.99	0.00	RB 1
77	11	22	5	14.0	216	999.9	999	26.0	221	-1.5	999.9	999.9	45	-0.2	999.99	0.00	RB 1
77	11	22	6	12.5	227	999.9	999	23.0	221	-0.9	999.9	999.9	43	-0.3	999.99	0.00	RB 1
77	11	22	7	15.0	216	999.9	999	29.0	221	-1.5	999.9	999.9	40	-0.3	999.99	0.00	RB 1
77	11	22	8	14.0	227	999.9	999	26.0	221	-0.9	999.9	999.9	47	-0.3	999.99	0.00	RB 1
77	11	22	9	15.0	232	999.9	999	25.0	221	-0.4	999.9	999.9	38	-0.3	999.99	0.10	RB 1
77	11	22	10	14.5	211	999.9	999	26.5	216	0.1	999.9	999.9	34	-0.3	999.99	0.24	RB 1
77	11	22	11	14.5	205	999.9	999	24.0	211	0.7	999.9	999.9	30	-0.4	999.99	0.30	RB 1
77	11	22	12	15.5	200	999.9	999	25.0	211	1.8	999.9	999.9	28	-0.4	999.99	0.50	RB 1
77	11	22	13	12.0	205	999.9	999	18.0	216	2.3	999.9	999.9	26	-0.5	999.99	0.50	RB 1
77	11	22	14	14.0	243	999.9	999	22.5	232	2.9	999.9	999.9	24	-0.3	999.99	0.28	RB 1
77	11	22	15	13.0	238	999.9	999	19.0	232	2.9	999.9	999.9	24	-0.3	999.99	0.32	RB 1
77	11	22	16	18.0	243	999.9	999	25.0	243	2.9	999.9	999.9	23	-0.1	999.99	0.18	RB 1
77	11	22	17	14.0	248	999.9	999	19.0	254	1.8	999.9	999.9	24	0.0	999.99	0.00	RB 1
77	11	22	18	9.5	238	999.9	999	13.0	238	0.7	999.9	999.9	24	0.3	999.99	0.00	RB 1
77	11	22	19	12.5	238	999.9	999	18.0	243	0.7	999.9	999.9	26	1.0	999.99	0.00	RB 1
77	11	22	20	12.0	254	999.9	999	16.0	232	-0.4	999.9	999.9	25	0.2	999.99	0.00	RB 1
77	11	22	21	12.0	259	999.9	999	15.5	238	-0.4	999.9	999.9	26	0.3	999.99	0.00	RB 1
77	11	22	22	11.5	259	999.9	999	15.0	238	-0.4	999.9	999.9	26	0.2	999.99	0.00	RB 1
77	11	22	23	8.0	243	999.9	999	13.0	227	-0.4	999.9	999.9	26	0.1	999.99	0.00	RB 1
77	11	22	24	5.0	232	999.9	999	12.0	221	-0.9	999.9	999.9	26	0.1	999.99	0.00	RB 1
77	11	23	1	6.5	221	999.9	999	15.0	216	-0.4	999.9	999.9	27	0.1	999.99	0.00	RB 1
77	11	23	2	8.5	216	999.9	999	18.0	216	-0.4	999.9	999.9	27	0.0	999.99	0.00	RB 1
77	11	23	3	8.5	227	999.9	999	14.0	227	-0.4	999.9	999.9	27	-0.1	999.99	0.00	RB 1
77	11	23	4	11.5	265	999.9	999	15.5	265	-1.5	999.9	999.9	27	-0.2	999.99	0.00	RB 1
77	11	23	5	12.5	275	999.9	999	18.5	275	-2.0	999.9	999.9	28	-0.1	999.99	0.00	RB 1
77	11	23	6	10.0	270	999.9	999	14.5	275	-3.1	999.9	999.9	32	-0.3	999.99	0.00	RB 1
77	11	23	7	8.0	243	999.9	999	12.5	259	-3.7	999.9	999.9	54	-0.2	999.99	0.00	RB 1
77	11	23	8	6.0	205	999.9	999	10.0	243	-3.7	999.9	999.9	56	0.2	999.99	0.00	RB 1
77	11	23	9	7.0	281	999.9	999	9.0	281	-2.6	999.9	999.9	44	-0.6	999.99	0.30	RB 1
77	11	23	10	10.0	302	999.9	999	12.5	297	-2.0	999.9	999.9	32	-0.6	999.99	0.46	RB 1
77	11	23	11	10.0	275	999.9	999	12.0	270	-1.5	999.9	999.9	30	-0.7	999.99	0.50	RB 1
77	11	23	12	7.5	254	999.9	999	8.0	254	-1.5	999.9	999.9	27	-0.6	999.99	0.66	RB 1
77	11	23	13	7.5	238	999.9	999	9.0	232	-0.9	999.9	999.9	27	-0.7	999.99	0.40	RB 1
77	11	23	14	9.0	243	999.9	999	12.5	243	-0.9	999.9	999.9	25	-0.6	999.99	0.46	RB 1
77	11	23	15	11.5	254	999.9	999	12.5	259	-1.5	999.9	999.9	25	-0.5	999.99	0.48	RB 1
77	11	23	16	13.0	265	999.9	999	17.0	265	-2.0	999.9	999.9	999	-0.2	999.99	999.99	RB 1
77	11	23	17	10.0	254	999.9	999	14.0	259	-2.6	999.9	999.9	28	0.1	999.99	0.00	RB 1

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	11	23	18	8.5	254	999.9	999	11.0	254	-3.1	999.9	999.9	28	0.1	999.99	0.00	RB 1
77	11	23	19	6.0	270	999.9	999	7.5	270	-3.1	999.9	999.9	28	-0.1	999.99	0.00	RB 1
77	11	23	20	9.0	248	999.9	999	11.5	254	-2.6	999.9	999.9	28	0.3	999.99	0.00	RB 1
77	11	23	21	10.0	254	999.9	999	12.0	227	-2.0	999.9	999.9	28	1.2	999.99	0.00	RB 1
77	11	23	22	6.0	232	999.9	999	8.5	243	-2.6	999.9	999.9	27	0.1	999.99	0.00	RB 1
77	11	23	23	4.0	205	999.9	999	5.5	265	-2.6	999.9	999.9	27	0.0	999.99	0.00	RB 1
77	11	23	24	4.5	221	999.9	999	10.0	200	-3.1	999.9	999.9	28	0.6	999.99	0.00	RB 1
77	11	24	1	3.5	178	999.9	999	7.5	189	-3.1	999.9	999.9	29	0.3	999.99	0.00	RB 1
77	11	24	2	5.0	178	999.9	999	8.0	184	-3.1	999.9	999.9	28	0.4	999.99	0.00	RB 1
77	11	24	3	4.0	184	999.9	999	7.0	178	-2.6	999.9	999.9	28	0.4	999.99	0.00	RB 1
77	11	24	4	5.0	184	999.9	999	8.5	173	-2.6	999.9	999.9	28	0.3	999.99	0.00	RB 1
77	11	24	5	3.5	189	999.9	999	6.0	205	-1.5	999.9	999.9	27	0.1	999.99	0.00	RB 1
77	11	24	6	3.5	81	999.9	999	4.0	119	-2.0	999.9	999.9	26	0.4	999.99	0.00	RB 1
77	11	24	7	5.5	232	999.9	999	11.0	232	-1.5	999.9	999.9	26	0.3	999.99	0.00	RB 1
77	11	24	8	11.0	248	999.9	999	17.0	238	-0.4	999.9	999.9	25	-0.2	999.99	0.00	RB 1
77	11	24	9	4.0	999	999.9	999	4.0	157	0.1	999.9	999.9	25	-0.3	999.99	0.14	RB 1
77	11	24	10	5.5	189	999.9	999	8.0	194	1.2	999.9	999.9	23	-0.4	999.99	0.30	RB 1
77	11	24	11	8.0	216	999.9	999	13.0	227	2.3	999.9	999.9	23	-0.6	999.99	0.42	RB 1
77	11	24	12	9.0	238	999.9	999	13.0	248	2.3	999.9	999.9	23	-0.5	999.99	0.30	RB 1
77	11	24	13	7.5	189	999.9	999	10.0	200	2.9	999.9	999.9	23	-0.5	999.99	0.50	RB 1
77	11	24	14	10.0	184	999.9	999	13.5	194	2.9	999.9	999.9	23	-0.5	999.99	0.36	RB 1
77	11	24	15	8.0	205	999.9	999	12.0	221	2.3	999.9	999.9	23	-0.5	999.99	0.34	RB 1
77	11	24	16	6.5	205	999.9	999	10.5	221	1.8	999.9	999.9	24	-0.2	999.99	0.14	RB 1
77	11	24	17	3.0	238	999.9	999	8.0	232	1.8	999.9	999.9	24	-0.1	999.99	0.00	RB 1
77	11	24	18	11.5	248	999.9	999	17.5	248	2.3	999.9	999.9	25	-0.1	999.99	0.00	RB 1
77	11	24	19	10.0	259	999.9	999	15.0	265	2.9	999.9	999.9	25	-0.2	999.99	0.00	RB 1
77	11	24	20	7.0	292	999.9	999	9.0	286	2.9	999.9	999.9	26	0.1	999.99	0.00	RB 1
77	11	24	21	3.0	92	999.9	999	4.5	67	0.7	999.9	999.9	27	-0.1	999.99	0.00	RB 1
77	11	24	22	3.0	297	999.9	999	3.0	18	0.7	999.9	999.9	28	-0.1	999.99	0.00	RB 1
77	11	24	23	4.0	162	999.9	999	5.0	227	1.8	999.9	999.9	28	0.8	999.99	0.00	RB 1
77	11	24	24	8.0	227	999.9	999	12.5	259	2.9	999.9	999.9	28	0.2	999.99	0.00	RB 1
77	11	25	1	11.5	259	999.9	999	17.0	265	2.9	999.9	999.9	33	0.1	999.99	0.00	RB 1
77	11	25	2	9.5	243	999.9	999	14.5	254	2.9	999.9	999.9	37	0.2	999.99	0.00	RB 1
77	11	25	3	9.0	232	999.9	999	15.0	248	2.3	999.9	999.9	40	0.4	999.99	0.00	RB 1
77	11	25	4	7.5	227	999.9	999	13.5	227	2.3	999.9	999.9	42	0.6	999.99	0.00	RB 1
77	11	25	5	9.0	227	999.9	999	16.0	238	2.3	999.9	999.9	45	0.3	999.99	0.00	RB 1
77	11	25	6	9.5	243	999.9	999	16.0	254	2.3	999.9	999.9	44	0.1	999.99	0.00	RB 1
77	11	25	7	6.0	205	999.9	999	10.0	227	2.3	999.9	999.9	45	0.0	999.99	0.00	RB 1
77	11	25	8	8.5	232	999.9	999	15.5	248	2.9	999.9	999.9	44	-0.1	999.99	0.00	RB 1
77	11	25	9	14.5	254	999.9	999	20.0	259	3.9	999.9	999.9	39	-0.2	999.99	0.10	RB 1
77	11	25	10	14.0	243	999.9	999	20.0	243	4.5	999.9	999.9	36	-0.2	999.99	0.16	RB 1
77	11	25	11	13.0	238	999.9	999	19.0	238	5.0	999.9	999.9	33	-0.3	999.99	0.26	RB 1
77	11	25	12	11.0	243	999.9	999	15.0	254	5.0	999.9	999.9	29	-0.4	999.99	0.44	RB 1
77	11	25	13	10.0	243	999.9	999	13.5	248	5.6	999.9	999.9	29	-0.4	999.99	0.26	RB 1
77	11	25	14	6.0	227	999.9	999	8.5	238	6.1	999.9	999.9	28	-0.4	999.99	0.30	RB 1
77	11	25	15	4.5	189	999.9	999	5.5	205	6.1	999.9	999.9	25	-0.3	999.99	0.36	RB 1
77	11	25	16	6.0	178	999.9	999	7.5	189	5.6	999.9	999.9	25	0.0	999.99	0.14	RB 1
77	11	25	17	3.5	200	999.9	999	5.0	221	5.0	999.9	999.9	26	0.3	999.99	0.00	RB 1
77	11	25	18	7.0	216	999.9	999	10.0	232	5.0	999.9	999.9	29	0.3	999.99	0.00	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFFGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		------TEMPERATURE------			REL	DELTA	PREC	SOL	
YR	MO	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	11	25	19	5.5	189	999.9	999	8.0	221	5.0	999.9	999.9	28	0.3	999.99	0.00	RB 1
77	11	25	20	3.5	189	999.9	999	5.0	238	4.5	999.9	999.9	29	-0.1	999.99	0.00	RB 1
77	11	25	21	6.0	254	999.9	999	8.0	238	5.0	999.9	999.9	29	0.1	999.99	0.00	RB 1
77	11	25	22	8.0	297	999.9	999	11.0	265	5.6	999.9	999.9	27	0.4	999.99	0.00	RB 1
77	11	25	23	3.0	45	999.9	999	4.5	270	5.0	999.9	999.9	29	1.1	999.99	0.00	RB 1
77	11	25	24	3.0	194	999.9	999	5.0	216	4.5	999.9	999.9	32	0.9	999.99	0.00	RB 1
77	11	26	1	7.0	259	999.9	999	13.0	259	6.1	999.9	999.9	26	0.4	999.99	0.00	RB 1
77	11	26	2	13.0	248	999.9	999	21.0	248	6.7	999.9	999.9	23	0.2	999.99	0.00	RB 1
77	11	26	3	8.0	254	999.9	999	13.5	248	6.7	999.9	999.9	23	0.2	999.99	0.00	RB 1
77	11	26	4	12.0	248	999.9	999	20.0	248	7.2	999.9	999.9	22	0.1	999.99	0.00	RB 1
77	11	26	5	15.0	248	999.9	999	23.0	238	6.7	999.9	999.9	22	-0.1	999.99	0.00	RB 1
77	11	26	6	12.5	248	999.9	999	19.0	227	5.6	999.9	999.9	22	-0.1	999.99	0.00	RB 1
77	11	26	7	12.0	248	999.9	999	16.5	221	4.5	999.9	999.9	23	-0.2	999.99	0.00	RB 1
77	11	26	8	15.5	254	999.9	999	22.0	243	5.6	999.9	999.9	23	-0.2	999.99	0.00	RB 1
77	11	26	9	22.0	275	999.9	999	28.5	275	5.6	999.9	999.9	22	-0.2	999.99	0.12	RB 1
77	11	26	10	23.0	275	999.9	999	30.5	275	4.5	999.9	999.9	23	-0.5	999.99	0.32	RB 1
77	11	26	11	18.0	270	999.9	999	23.0	270	5.0	999.9	999.9	24	-0.5	999.99	0.58	RB 1
77	11	26	12	16.5	265	999.9	999	20.0	265	5.6	999.9	999.9	23	-0.5	999.99	0.66	RB 1
77	11	26	13	22.0	270	999.9	999	28.5	270	6.1	999.9	999.9	23	-0.5	999.99	0.68	RB 1
77	11	26	14	23.0	270	999.9	999	30.0	270	5.6	999.9	999.9	24	-0.3	999.99	0.50	RB 1
77	11	26	15	23.0	259	999.9	999	31.0	265	5.0	999.9	999.9	24	-0.3	999.99	0.30	RB 1
77	11	26	16	19.5	270	999.9	999	26.5	270	4.5	999.9	999.9	23	-0.1	999.99	0.24	RB 1
77	11	26	17	21.0	270	999.9	999	29.0	270	3.4	999.9	999.9	23	0.1	999.99	0.04	RB 1
77	11	26	18	23.5	281	999.9	999	32.0	281	2.9	999.9	999.9	24	0.1	999.99	0.00	RB 1
77	11	26	19	28.5	281	999.9	999	38.0	281	1.8	999.9	999.9	24	0.0	999.99	0.00	RB 1
77	11	26	20	23.0	286	999.9	999	30.0	286	1.2	999.9	999.9	24	0.0	999.99	0.00	RB 1
77	11	26	21	5.5	308	999.9	999	8.0	308	0.1	999.9	999.9	25	0.2	999.99	0.00	RB 1
77	11	26	22	4.0	270	999.9	999	6.0	308	0.7	999.9	999.9	27	0.4	999.99	0.00	RB 1
77	11	26	23	3.0	335	999.9	999	5.5	34	-0.4	999.9	999.9	26	0.2	999.99	0.00	RB 1
77	11	26	24	2.5	194	999.9	999	4.0	94	-1.5	999.9	999.9	27	0.3	999.99	0.00	RB 1
77	11	27	1	4.0	184	999.9	999	4.5	178	-1.5	999.9	999.9	28	0.2	999.99	0.00	RB 1
77	11	27	2	4.0	200	999.9	999	6.0	178	-2.0	999.9	999.9	28	0.4	999.99	0.00	RB 1
77	11	27	3	5.5	221	999.9	999	6.0	184	-1.5	999.9	999.9	29	0.4	999.99	0.00	RB 1
77	11	27	4	3.5	265	999.9	999	3.0	340	-1.5	999.9	999.9	26	-0.2	999.99	0.00	RB 1
77	11	27	5	4.0	243	999.9	999	2.0	227	-1.5	999.9	999.9	26	-0.2	999.99	0.00	RB 1
77	11	27	6	3.0	200	999.9	999	6.5	200	-1.5	999.9	999.9	26	0.4	999.99	0.00	RB 1
77	11	27	7	11.5	238	999.9	999	14.0	243	-0.4	999.9	999.9	26	-0.2	999.99	0.00	RB 1
77	11	27	8	9.5	238	999.9	999	16.0	238	0.1	999.9	999.9	25	-0.1	999.99	0.00	RB 1
77	11	27	9	7.5	248	999.9	999	12.0	254	-0.4	999.9	999.9	24	-0.3	999.99	0.06	RB 1
77	11	27	10	8.5	232	999.9	999	11.5	243	-2.6	999.9	999.9	40	-0.4	999.99	0.06	RB 1
77	11	27	11	5.5	135	999.9	999	6.0	146	-2.0	999.9	999.9	54	-0.4	999.99	0.24	RB 1
77	11	27	12	4.5	173	999.9	999	5.0	173	-1.5	999.9	999.9	49	-0.4	999.99	0.26	RB 1
77	11	27	13	2.5	45	999.9	999	6.0	216	-0.4	999.9	999.9	47	-0.3	999.99	0.16	RB 1
77	11	27	14	6.5	184	999.9	999	7.5	205	0.1	999.9	999.9	34	-0.5	999.99	0.22	RB 1
77	11	27	15	7.0	178	999.9	999	8.5	194	0.1	999.9	999.9	32	-0.5	999.99	0.28	RB 1
77	11	27	16	4.5	194	999.9	999	6.5	205	0.1	999.9	999.9	30	-0.3	999.99	0.22	RB 1
77	11	27	17	4.5	227	999.9	999	8.0	232	0.1	999.9	999.9	34	-0.1	999.99	0.04	RB 1
77	11	27	18	9.0	243	999.9	999	13.0	243	0.1	999.9	999.9	35	-0.1	999.99	0.00	RB 1
77	11	27	19	5.5	232	999.9	999	9.0	238	-1.5	999.9	999.9	40	-0.2	999.99	0.00	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFFGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		TEMPERATURE			REL.	DELTA	PREC	SOL	
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE
77	11	27	20	3.5	194	999.9	999	6.0	232	-2.0	999.9	999.9	64	-0.1	999.99	0.00	RB 1
77	11	27	21	4.5	270	999.9	999	7.5	281	-2.0	999.9	999.9	69	-0.3	999.99	0.00	RB 1
77	11	27	22	8.0	259	999.9	999	13.0	265	-2.0	999.9	999.9	70	-0.3	999.99	0.00	RB 1
77	11	27	23	8.5	270	999.9	999	13.5	275	-2.0	999.9	999.9	67	0.0	999.99	0.00	RB 1
77	11	27	24	5.5	275	999.9	999	9.5	281	-2.0	999.9	999.9	65	0.1	999.99	0.00	RB 1
77	11	28	1	6.5	286	999.9	999	10.0	292	-2.0	999.9	999.9	59	0.2	999.99	0.00	RB 1
77	11	28	2	5.5	297	999.9	999	9.0	270	-2.0	999.9	999.9	52	0.3	999.99	0.00	RB 1
77	11	28	3	5.0	313	999.9	999	7.0	292	-3.1	999.9	999.9	55	0.8	999.99	0.00	RB 1
77	11	28	4	5.0	200	999.9	999	8.0	259	-3.7	999.9	999.9	58	1.1	999.99	0.00	RB 1
77	11	28	5	10.0	248	999.9	999	14.0	254	-3.1	999.9	999.9	61	0.4	999.99	0.00	RB 1
77	11	28	6	8.5	248	999.9	999	13.0	254	-3.1	999.9	999.9	52	0.2	999.99	0.00	RB 1
77	11	28	7	6.5	248	999.9	999	9.5	254	-3.1	999.9	999.9	52	0.3	999.99	0.00	RB 1
77	11	28	8	9.5	238	999.9	999	12.5	248	-3.1	999.9	999.9	49	0.2	999.99	0.00	RB 1
77	11	28	9	8.5	265	999.9	999	12.0	281	-2.6	999.9	999.9	42	-0.2	999.99	0.10	RB 1
77	11	28	10	8.0	335	999.9	999	9.5	329	-2.0	999.9	999.9	30	-0.5	999.99	0.12	RB 1
77	11	28	11	6.5	7	999.9	999	6.5	2	-3.1	999.9	999.9	37	-0.4	999.99	0.10	RB 1
77	11	28	12	4.5	99	999.9	999	5.0	119	-3.7	999.9	999.9	40	-0.4	999.99	0.14	RB 1
77	11	28	13	4.5	94	999.9	999	4.5	108	-3.7	999.9	999.9	44	-0.4	999.99	0.14	RB 1
77	11	28	14	3.0	56	999.9	999	3.0	189	-3.1	999.9	999.9	43	-0.3	999.99	0.12	RB 1
77	11	28	15	2.5	124	999.9	999	2.5	216	-2.0	999.9	999.9	46	-0.4	999.99	0.14	RB 1
77	11	28	16	9.5	319	999.9	999	12.5	319	-1.5	999.9	999.9	27	-0.4	999.99	0.06	RB 1
77	11	28	17	9.0	319	999.9	999	13.0	324	-2.6	999.9	999.9	53	0.1	999.99	0.06	RB 1
77	11	28	18	6.5	313	999.9	999	9.0	329	-3.1	999.9	999.9	44	0.1	999.99	0.00	RB 1
77	11	28	19	6.5	297	999.9	999	7.5	346	-3.7	999.9	999.9	50	1.0	999.99	0.00	RB 1
77	11	28	20	6.0	297	999.9	999	6.0	346	-3.7	999.9	999.9	47	0.6	999.99	0.00	RB 1
77	11	28	21	3.5	275	999.9	999	4.0	329	-4.2	999.9	999.9	50	0.2	999.99	0.00	RB 1
77	11	28	22	4.0	297	999.9	999	5.5	2	-4.7	999.9	999.9	49	0.4	999.99	0.00	RB 1
77	11	28	23	5.0	270	999.9	999	4.0	329	-4.7	999.9	999.9	46	0.4	999.99	0.00	RB 1
77	11	28	24	4.0	259	999.9	999	2.5	281	-4.7	999.9	999.9	50	0.1	999.99	0.00	RB 1
77	11	29	1	5.5	221	999.9	999	4.5	200	-4.7	999.9	999.9	53	-0.1	999.99	0.00	RB 1
77	11	29	2	5.0	243	999.9	999	3.5	265	-4.2	999.9	999.9	47	0.6	999.99	0.00	RB 1
77	11	29	3	5.0	194	999.9	999	6.5	259	-4.2	999.9	999.9	35	0.8	999.99	0.00	RB 1
77	11	29	4	2.0	146	999.9	999	3.0	162	-4.7	999.9	999.9	40	1.0	999.99	0.00	RB 1
77	11	29	5	5.0	205	999.9	999	4.0	205	-4.2	999.9	999.9	41	0.4	999.99	0.00	RB 1
77	11	29	6	8.5	254	999.9	999	10.0	265	-4.2	999.9	999.9	30	0.8	999.99	0.00	RB 1
77	11	29	7	11.5	227	999.9	999	8.0	232	-4.7	999.9	999.9	36	0.7	999.99	0.00	RB 1
77	11	29	8	6.0	205	999.9	999	8.0	211	-4.2	999.9	999.9	35	-0.2	999.99	0.06	RB 1
77	11	29	9	7.0	173	999.9	999	9.0	178	-3.7	999.9	999.9	30	-0.4	999.99	0.22	RB 1
77	11	29	10	4.0	151	999.9	999	6.0	178	-3.1	999.9	999.9	27	-0.3	999.99	0.22	RB 1
77	11	29	11	7.0	200	999.9	999	10.0	205	-2.0	999.9	999.9	26	-0.5	999.99	0.32	RB 1
77	11	29	12	5.0	232	999.9	999	6.5	232	-1.5	999.9	999.9	999	-0.5	999.99	0.42	RB 1
77	11	29	13	7.0	189	999.9	999	9.0	211	-1.5	999.9	999.9	999	-0.5	999.99	0.24	RB 1
77	11	29	14	8.5	200	999.9	999	12.5	216	-1.5	999.9	999.9	999	-0.5	999.99	0.30	RB 1
77	11	29	15	7.5	189	999.9	999	11.5	211	-1.5	999.9	999.9	999	-0.4	999.99	0.18	RB 1
77	11	29	16	7.5	184	999.9	999	11.0	200	-1.5	999.9	999.9	999	-0.3	999.99	0.10	RB 1
77	11	29	17	6.5	194	999.9	999	9.0	200	-0.9	999.9	999.9	999	0.1	999.99	0.00	RB 1
77	11	29	18	7.5	254	999.9	999	13.0	254	-0.4	999.9	999.9	28	0.1	999.99	0.00	RB 1
77	11	29	19	3.0	45	999.9	999	4.0	351	-0.9	999.9	999.9	30	0.8	999.99	0.00	RB 1
77	11	29	20	2.5	243	999.9	999	3.5	162	-0.9	999.9	999.9	38	0.4	999.99	0.00	RB 1

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO OIL SHALE DATA REVISION: 0

RIO BLANCO OIL SHALE PROJECT

DATE				10 M WIND		30 M WIND		60 M WIND		------TEMPERATURE------			REL	DELTA	PREC	SOL		
YR	MN	DY	HR	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	SPEED (MPH)	DIRECT (DEGS)	10 M (C)	30 M (C)	60 M (C)	HUMID (%)	T (C)	(INCH)	RAD (LANG)	SITE	
77	11	29	21	6.0	238	999.9	999	11.0	243	-0.4	999.9	999.9	34	0.1	999.99	0.00	RB	1
77	11	29	22	12.0	259	999.9	999	17.5	265	-0.4	999.9	999.9	34	-0.1	999.99	0.00	RB	1
77	11	29	23	13.5	259	999.9	999	19.0	265	-0.9	999.9	999.9	35	-0.1	999.99	0.00	RB	1
77	11	29	24	12.0	248	999.9	999	17.0	254	-1.5	999.9	999.9	35	-0.1	999.99	0.00	RB	1
77	11	30	1	10.0	238	999.9	999	15.0	248	-2.0	999.9	999.9	34	0.1	999.99	0.00	RB	1
77	11	30	2	10.0	238	999.9	999	16.0	248	-2.6	999.9	999.9	36	0.4	999.99	0.00	RB	1
77	11	30	3	11.5	259	999.9	999	16.5	270	-2.6	999.9	999.9	36	0.3	999.99	0.00	RB	1
77	11	30	4	11.0	243	999.9	999	16.0	259	-3.1	999.9	999.9	37	0.6	999.99	0.00	RB	1
77	11	30	5	11.0	286	999.9	999	15.0	297	-3.1	999.9	999.9	40	0.7	999.99	0.00	RB	1
77	11	30	6	5.5	324	999.9	999	8.5	329	-4.2	999.9	999.9	29	0.7	999.99	0.00	RB	1
77	11	30	7	9.0	308	999.9	999	12.5	324	-4.2	999.9	999.9	31	0.7	999.99	0.00	RB	1
77	11	30	8	9.0	297	999.9	999	12.5	308	-4.7	999.9	999.9	30	0.2	999.99	0.00	RB	1
77	11	30	9	4.0	77	999.9	999	6.5	67	-5.3	999.9	999.9	30	-0.3	999.99	0.10	RB	1
77	11	30	10	4.5	162	999.9	999	5.0	173	-4.7	999.9	999.9	32	-0.5	999.99	0.22	RB	1
77	11	30	11	9.5	297	999.9	999	8.0	238	-4.2	999.9	999.9	29	-0.6	999.99	0.32	RB	1
77	11	30	12	12.0	308	999.9	999	13.5	308	-3.1	999.9	999.9	25	-0.7	999.99	0.64	RB	1
77	11	30	13	12.0	313	999.9	999	14.0	313	-3.1	999.9	999.9	25	-0.6	999.99	0.58	RB	1
77	11	30	14	12.0	292	999.9	999	15.0	292	-3.1	999.9	999.9	25	-0.5	999.99	0.40	RB	1
77	11	30	15	9.0	286	999.9	999	11.5	281	-3.1	999.9	999.9	25	-0.4	999.99	0.22	RB	1
77	11	30	16	8.0	292	999.9	999	10.0	292	-2.6	999.9	999.9	25	-0.3	999.99	0.18	RB	1
77	11	30	17	8.0	297	999.9	999	11.0	302	-3.7	999.9	999.9	26	0.1	999.99	0.06	RB	1
77	11	30	18	8.5	324	999.9	999	12.0	329	-4.2	999.9	999.9	26	0.2	999.99	0.00	RB	1
77	11	30	19	11.5	313	999.9	999	15.0	319	-4.2	999.9	999.9	26	-0.1	999.99	0.00	RB	1
77	11	30	20	10.0	313	999.9	999	13.5	313	-5.3	999.9	999.9	26	-0.1	999.99	0.00	RB	1
77	11	30	21	10.0	292	999.9	999	13.0	297	-5.8	999.9	999.9	26	0.3	999.99	0.00	RB	1
77	11	30	22	11.0	286	999.9	999	14.5	297	-6.9	999.9	999.9	27	0.5	999.99	0.00	RB	1
77	11	30	23	11.0	275	999.9	999	14.0	292	-6.9	999.9	999.9	27	0.4	999.99	0.00	RB	1
77	11	30	24	10.0	292	999.9	999	14.0	308	-7.5	999.9	999.9	27	0.4	999.99	0.00	RB	1

APPENDIX 2-2.2

SITES 2 and 3 METEOROLOGY DATA*

*Columns 5, 6, & 9 - Site 2 data

Columns 7, 8, & 10 - Site 3 data

RBAUX = Sites 2 & 3

No data available prior to October 21, 1977

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO DATA REVISION: 0

RIO BLANCO - SITES 2 & 3

YR	MN	DY	HR	WIND SPEED (MPH)	WIND DIRECT (DEG)	WIND SPEED (MPH)	WIND DIRECT (DEG)	TEMPERATURE T 2 10 M (C)	TEMPERATURE T 3 10 M (C)	SITE
77	10	21	14	7.0	45	999.9	999	999.9	999.9	RBAUX
77	10	21	15	5.0	99	999.9	999	999.9	999.9	RBAUX
77	10	21	16	4.0	130	999.9	999	999.9	999.9	RBAUX
77	10	21	17	4.5	135	999.9	999	999.9	999.9	RBAUX
77	10	21	18	3.0	124	999.9	999	3.9	999.9	RBAUX
77	10	21	19	3.5	315	999.9	999	3.9	999.9	RBAUX
77	10	21	20	4.5	275	999.9	999	3.9	999.9	RBAUX
77	10	21	21	999.9	275	999.9	999	3.9	999.9	RBAUX
77	10	21	22	999.9	270	999.9	999	4.5	999.9	RBAUX
77	10	21	23	999.9	270	999.9	999	4.5	999.9	RBAUX
77	10	21	24	3.0	286	999.9	999	3.9	999.9	RBAUX
77	10	22	1	999.9	315	999.9	999	3.4	999.9	RBAUX
77	10	22	2	999.9	281	999.9	999	2.9	999.9	RBAUX
77	10	22	3	999.9	297	999.9	999	2.9	999.9	RBAUX
77	10	22	4	999.9	302	999.9	999	2.3	999.9	RBAUX
77	10	22	5	3.5	292	999.9	999	2.3	999.9	RBAUX
77	10	22	6	4.5	286	999.9	999	2.3	999.9	RBAUX
77	10	22	7	4.0	308	999.9	999	2.9	999.9	RBAUX
77	10	22	8	3.5	18	999.9	999	4.5	999.9	RBAUX
77	10	22	9	3.5	104	999.9	999	6.1	999.9	RBAUX
77	10	22	10	5.0	94	999.9	999	6.1	999.9	RBAUX
77	10	22	11	6.5	83	999.9	999	6.7	999.9	RBAUX
77	10	22	12	6.5	61	999.9	999	7.2	999.9	RBAUX
77	10	22	13	6.5	77	7.5	86	8.3	8.3	RBAUX
77	10	22	14	6.0	61	6.0	999	9.4	9.9	RBAUX
77	10	22	15	5.0	61	4.5	23	10.5	10.5	RBAUX
77	10	22	16	6.0	34	5.0	40	9.9	11.6	RBAUX
77	10	22	17	4.0	61	2.5	72	9.4	9.9	RBAUX
77	10	22	18	2.5	77	6.5	270	7.7	3.9	RBAUX
77	10	22	19	3.0	281	7.5	275	5.6	2.3	RBAUX
77	10	22	20	999.9	281	8.0	275	6.1	1.8	RBAUX
77	10	22	21	6.0	275	8.0	275	6.1	1.2	RBAUX
77	10	22	22	4.5	281	8.0	281	6.1	1.2	RBAUX
77	10	22	23	4.5	281	8.0	281	5.6	0.7	RBAUX
77	10	22	24	4.5	286	7.0	275	5.6	-0.4	RBAUX
77	10	23	1	4.5	286	5.0	270	5.6	-1.5	RBAUX
77	10	23	2	4.5	286	4.5	265	5.6	-2.0	RBAUX
77	10	23	3	999.9	292	4.5	265	5.6	-3.1	RBAUX
77	10	23	4	999.9	281	4.5	259	5.0	-3.7	RBAUX
77	10	23	5	2.0	135	4.5	265	3.9	-4.2	RBAUX
77	10	23	6	1.5	124	5.0	265	1.8	-3.1	RBAUX
77	10	23	7	2.0	243	5.0	270	3.9	-2.6	RBAUX
77	10	23	8	3.5	167	2.5	86	7.7	2.9	RBAUX
77	10	23	9	5.5	130	6.5	76	9.4	5.0	RBAUX
77	10	23	10	6.5	108	999.9	999	9.9	7.2	RBAUX
77	10	23	11	6.0	88	4.5	999	11.6	11.6	RBAUX
77	10	23	12	6.0	67	4.5	72	12.1	13.2	RBAUX
77	10	23	13	9.5	275	4.0	999	12.6	14.8	RBAUX
77	10	23	14	8.0	270	7.5	254	13.2	15.4	RBAUX

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO DATA REVISION: 0

RIO BLANCO - SITES 2 & 3

YR	MN	DY	HR	WIND SPEED (MPH)	WIND DIRECT (DEG)	WIND SPEED (MPH)	WIND DIRECT (DEG)	TEMPERATURE T 2 10 M (C)	TEMPERATURE T 3 10 M (C)	SITE
77	10	23	15	7.5	281	6.5	254	13.2	15.4	RBAUX
77	10	23	16	9.0	286	6.0	319	13.2	15.4	RBAUX
77	10	23	17	7.0	292	5.0	265	12.1	13.2	RBAUX
77	10	23	18	9.0	259	5.0	270	9.4	6.1	RBAUX
77	10	23	19	10.0	259	7.5	275	9.4	4.5	RBAUX
77	10	23	20	8.5	254	5.5	265	10.5	1.2	RBAUX
77	10	23	21	5.0	248	7.5	265	9.4	0.1	RBAUX
77	10	23	22	4.0	319	5.0	259	8.6	-0.4	RBAUX
77	10	23	23	7.5	270	6.0	270	7.7	0.7	RBAUX
77	10	23	24	9.0	259	4.5	265	8.3	0.1	RBAUX
77	10	24	1	3.5	297	4.5	259	7.2	-1.5	RBAUX
77	10	24	2	2.5	319	4.5	265	7.2	-3.1	RBAUX
77	10	24	3	4.0	308	5.5	259	7.2	-1.5	RBAUX
77	10	24	4	3.0	292	5.5	259	6.7	-2.6	RBAUX
77	10	24	5	999.9	243	7.0	265	5.6	-1.5	RBAUX
77	10	24	6	3.0	275	7.0	270	5.6	-1.5	RBAUX
77	10	24	7	2.0	259	3.0	67	7.2	-1.5	RBAUX
77	10	24	8	2.5	94	1.5	275	7.2	0.7	RBAUX
77	10	24	9	1.5	286	2.0	167	9.4	6.1	RBAUX
77	10	24	10	2.0	130	4.5	59	11.0	7.7	RBAUX
77	10	24	11	5.0	23	5.5	76	12.6	11.0	RBAUX
77	10	24	12	8.0	77	7.5	81	12.1	13.2	RBAUX
77	10	24	13	7.5	83	8.5	70	12.6	13.7	RBAUX
77	10	24	14	5.5	104	7.5	50	12.6	13.7	RBAUX
77	10	24	15	5.5	113	4.0	113	12.6	14.8	RBAUX
77	10	24	16	4.0	194	3.0	184	13.2	15.4	RBAUX
77	10	24	17	3.0	232	3.5	265	12.1	10.5	RBAUX
77	10	24	18	3.5	275	6.5	270	10.5	7.2	RBAUX
77	10	24	19	7.5	265	7.0	275	10.5	4.5	RBAUX
77	10	24	20	4.5	275	7.0	270	8.8	3.4	RBAUX
77	10	24	21	4.0	281	8.0	275	8.8	3.4	RBAUX
77	10	24	22	8.0	281	7.5	281	9.4	3.4	RBAUX
77	10	24	23	10.5	270	6.0	270	8.8	1.8	RBAUX
77	10	24	24	10.0	270	4.0	265	8.3	0.1	RBAUX
77	10	25	1	9.5	270	6.0	265	8.3	-0.4	RBAUX
77	10	25	2	9.5	265	6.0	265	7.7	-0.4	RBAUX
77	10	25	3	9.5	270	4.0	265	7.7	-2.6	RBAUX
77	10	25	4	5.5	286	6.0	259	6.7	-2.6	RBAUX
77	10	25	5	1.5	999	6.5	265	6.1	-2.6	RBAUX
77	10	25	6	2.0	167	5.5	265	5.6	-2.6	RBAUX
77	10	25	7	2.0	232	5.0	259	7.2	-0.9	RBAUX
77	10	25	8	4.0	157	3.0	248	11.0	5.0	RBAUX
77	10	25	9	4.5	140	5.5	76	12.1	8.8	RBAUX
77	10	25	10	5.5	119	5.5	59	13.2	13.2	RBAUX
77	10	25	11	6.0	119	5.5	76	14.3	15.4	RBAUX
77	10	25	12	5.5	86	5.0	999	14.8	15.9	RBAUX
77	10	25	13	5.5	130	4.5	34	15.9	17.0	RBAUX
77	10	25	14	5.0	119	4.5	140	17.0	18.1	RBAUX
77	10	25	15	5.0	83	4.0	140	17.0	18.6	RBAUX

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO DATA REVISION: 0

RIO BLANCO - SITES 2 & 3

YR	MN	DY	HR	WIND SPEED (MPH)	WIND DIRECT (DEG)	WIND SPEED (MPH)	WIND DIRECT (DEG)	TEMPERATURE T 2 10 M (C)	TEMPERATURE T 3 10 M (C)	SITE
77	10	25	16	3.5	40	3.5	97	17.6	18.6	RBAUX
77	10	25	17	8.0	275	4.0	351	15.4	17.0	RBAUX
77	10	25	18	7.5	221	6.0	270	12.6	9.4	RBAUX
77	10	25	19	5.0	189	7.0	275	12.6	6.7	RBAUX
77	10	25	20	2.5	248	8.5	275	11.6	5.0	RBAUX
77	10	25	21	6.0	216	7.5	265	12.6	3.9	RBAUX
77	10	25	22	7.0	227	7.5	265	13.7	4.5	RBAUX
77	10	25	23	6.0	275	5.5	265	11.6	3.9	RBAUX
77	10	25	24	7.0	265	5.0	265	10.5	0.1	RBAUX
77	10	26	1	5.0	243	4.5	265	10.5	-1.5	RBAUX
77	10	26	2	10.5	77	6.0	265	11.6	-0.4	RBAUX
77	10	26	3	5.5	238	6.0	259	10.5	-0.9	RBAUX
77	10	26	4	2.5	227	6.5	259	8.3	-1.5	RBAUX
77	10	26	5	3.0	151	6.5	259	9.4	-1.5	RBAUX
77	10	26	6	3.0	194	7.0	254	8.8	-0.4	RBAUX
77	10	26	7	3.5	286	5.5	259	9.9	-0.4	RBAUX
77	10	26	8	4.0	108	3.5	232	12.6	5.6	RBAUX
77	10	26	9	4.5	216	4.0	88	14.8	12.1	RBAUX
77	10	26	10	5.5	238	5.0	65	15.9	15.4	RBAUX
77	10	26	11	7.5	232	4.0	999	16.5	18.1	RBAUX
77	10	26	12	12.0	248	10.0	232	17.6	19.7	RBAUX
77	10	26	13	12.0	243	12.5	248	17.6	19.2	RBAUX
77	10	26	14	13.5	248	13.0	232	17.6	19.7	RBAUX
77	10	26	15	12.5	238	14.0	243	17.6	19.2	RBAUX
77	10	26	16	12.0	232	10.0	238	17.6	19.2	RBAUX
77	10	26	17	10.5	227	6.5	248	15.4	15.9	RBAUX
77	10	26	18	7.0	221	7.0	281	13.2	8.3	RBAUX
77	10	26	19	2.5	146	7.0	275	11.0	5.6	RBAUX
77	10	26	20	6.0	221	6.5	275	10.5	5.0	RBAUX
77	10	26	21	3.5	130	7.0	270	10.5	2.9	RBAUX
77	10	26	22	4.5	151	4.0	275	11.0	1.8	RBAUX
77	10	26	23	8.0	243	6.0	259	9.9	1.8	RBAUX
77	10	26	24	7.5	265	8.0	259	9.9	1.2	RBAUX
77	10	27	1	8.0	238	7.5	259	9.9	0.7	RBAUX
77	10	27	2	3.0	113	5.5	259	8.3	0.1	RBAUX
77	10	27	3	6.0	232	7.5	275	9.9	0.7	RBAUX
77	10	27	4	10.0	227	5.0	270	11.0	-0.9	RBAUX
77	10	27	5	8.0	259	5.0	265	9.4	-1.5	RBAUX
77	10	27	6	9.0	238	6.0	259	9.4	-0.4	RBAUX
77	10	27	7	10.0	216	6.0	265	11.0	0.1	RBAUX
77	10	27	8	9.5	205	2.5	221	13.2	5.6	RBAUX
77	10	27	9	12.5	200	3.0	72	14.3	14.3	RBAUX
77	10	27	10	12.0	205	9.0	227	15.4	17.6	RBAUX
77	10	27	11	13.5	194	9.5	200	15.9	18.1	RBAUX
77	10	27	12	15.0	243	12.0	238	15.9	18.1	RBAUX
77	10	27	13	17.5	216	14.5	227	15.9	18.1	RBAUX
77	10	27	14	16.5	221	15.0	227	15.4	17.6	RBAUX
77	10	27	15	15.5	221	13.0	227	15.9	17.6	RBAUX
77	10	27	16	17.0	232	13.5	232	15.4	17.0	RBAUX

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO DATA REVISION: 0

RIO BLANCO - SITES 2 & 3

YR	MN	DY	HR	WIND SPEED (MPH)	WIND DIRECT (DEG)	WIND SPEED (MPH)	WIND DIRECT (DEG)	TEMPERATURE T 2 10 M (C)	TEMPERATURE T 3 10 M (C)	SITE
77	10	27	17	10.5	119	7.5	238	13.7	14.8	RBAUX
77	10	27	18	9.0	205	7.5	254	12.1	8.8	RBAUX
77	10	27	19	6.0	178	8.0	275	11.6	6.1	RBAUX
77	10	27	20	10.0	205	8.0	275	11.6	4.5	RBAUX
77	10	27	21	11.0	211	6.5	270	11.6	5.0	RBAUX
77	10	27	22	9.0	189	5.0	265	11.0	6.7	RBAUX
77	10	27	23	10.0	205	4.5	238	11.0	6.7	RBAUX
77	10	27	24	9.5	200	6.5	270	11.0	4.5	RBAUX
77	10	28	1	12.5	221	4.0	270	10.5	1.8	RBAUX
77	10	28	2	13.0	221	3.5	265	10.5	1.2	RBAUX
77	10	28	3	12.5	221	999.9	270	9.9	2.3	RBAUX
77	10	28	4	12.5	221	6.5	254	9.9	2.3	RBAUX
77	10	28	5	13.0	216	3.5	259	9.9	2.9	RBAUX
77	10	28	6	13.0	232	4.0	259	9.4	1.2	RBAUX
77	10	28	7	14.0	232	5.5	259	9.4	2.3	RBAUX
77	10	28	8	15.5	227	4.5	243	10.5	9.0	RBAUX
77	10	28	9	15.5	221	10.5	221	11.6	13.2	RBAUX
77	10	28	10	15.5	221	10.5	221	12.6	14.3	RBAUX
77	10	28	11	17.0	216	12.5	216	13.2	15.4	RBAUX
77	10	28	12	15.5	216	13.5	221	13.7	15.9	RBAUX
77	10	28	13	15.5	216	12.5	221	14.3	15.9	RBAUX
77	10	28	14	16.5	221	14.5	227	14.3	15.9	RBAUX
77	10	28	15	14.0	227	12.5	232	14.3	15.9	RBAUX
77	10	28	16	12.0	227	11.0	227	13.7	15.9	RBAUX
77	10	28	17	10.5	227	7.0	227	12.6	14.8	RBAUX
77	10	28	18	11.0	238	4.5	259	11.6	8.8	RBAUX
77	10	28	19	12.5	238	3.0	275	11.0	5.6	RBAUX
77	10	28	20	12.0	232	6.5	265	11.0	3.4	RBAUX
77	10	28	21	12.0	221	6.5	265	11.0	2.9	RBAUX
77	10	28	22	15.0	221	3.5	254	10.5	1.2	RBAUX
77	10	28	23	14.5	221	4.0	243	10.5	3.9	RBAUX
77	10	28	24	13.0	227	2.0	254	10.5	1.8	RBAUX
77	10	29	1	4.5	302	4.5	259	9.9	1.2	RBAUX
77	10	29	2	2.5	221	5.0	265	9.4	0.7	RBAUX
77	10	29	3	3.0	99	5.5	265	9.4	0.1	RBAUX
77	10	29	4	2.5	167	5.0	265	9.4	1.8	RBAUX
77	10	29	5	3.0	83	5.5	259	9.4	3.4	RBAUX
77	10	29	6	6.0	167	5.0	259	8.8	4.5	RBAUX
77	10	29	7	5.5	173	4.0	259	9.4	3.9	RBAUX
77	10	29	8	6.0	173	2.0	275	9.9	6.7	RBAUX
77	10	29	9	12.0	162	6.5	130	12.6	13.2	RBAUX
77	10	29	10	19.0	184	10.0	189	13.7	15.4	RBAUX
77	10	29	11	17.5	216	10.5	189	14.8	15.9	RBAUX
77	10	29	12	20.0	238	12.0	227	13.7	15.9	RBAUX
77	10	29	13	22.5	238	15.5	232	13.2	15.4	RBAUX
77	10	29	14	20.5	211	15.0	205	12.1	13.7	RBAUX
77	10	29	15	18.5	205	12.0	211	12.1	14.3	RBAUX
77	10	29	16	14.5	232	9.5	216	7.2	9.4	RBAUX
77	10	29	17	10.5	216	4.0	167	7.2	8.3	RBAUX

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO DATA REVISION: 0

RIO BLANCO - SITES 2 & 3

YR	MN	DY	HR	WIND SPEED (MPH)	WIND DIRECT (DEG)	WIND SPEED (MPH)	WIND DIRECT (DEG)	TEMPERATURE T 2 10 M (C)	TEMPERATURE T 3 10 M (C)	SITE
77	10	29	18	14.5	227	5.5	221	7.2	7.7	RBAUX
77	10	29	19	15.0	286	8.0	243	3.9	5.0	RBAUX
77	10	29	20	17.0	281	8.0	248	4.5	5.0	RBAUX
77	10	29	21	12.5	281	5.5	248	3.9	3.9	RBAUX
77	10	29	22	5.5	189	3.0	252	3.9	3.9	RBAUX
77	10	29	23	4.5	173	999.9	238	3.9	3.9	RBAUX
77	10	29	24	4.5	162	2.5	248	3.4	3.9	RBAUX
77	10	30	1	5.5	173	4.0	265	3.4	3.4	RBAUX
77	10	30	2	5.0	205	4.5	259	3.9	3.4	RBAUX
77	10	30	3	5.5	308	4.0	270	3.4	3.4	RBAUX
77	10	30	4	6.0	248	5.5	259	2.9	1.2	RBAUX
77	10	30	5	3.0	189	5.0	265	2.3	0.1	RBAUX
77	10	30	6	2.0	189	5.0	265	1.2	0.1	RBAUX
77	10	30	7	3.0	184	5.0	270	1.2	-0.4	RBAUX
77	10	30	8	4.0	173	2.0	178	3.4	2.3	RBAUX
77	10	30	9	8.5	243	7.0	238	3.4	5.6	RBAUX
77	10	30	10	9.5	259	5.0	238	3.9	6.1	RBAUX
77	10	30	11	12.5	243	9.5	265	5.0	7.2	RBAUX
77	10	30	12	15.0	270	13.5	259	6.1	7.7	RBAUX
77	10	30	13	19.0	286	15.5	270	6.1	8.3	RBAUX
77	10	30	14	19.5	281	14.5	259	6.1	8.8	RBAUX
77	10	30	15	11.0	221	17.5	227	4.5	7.2	RBAUX
77	10	30	16	11.5	227	6.0	227	4.5	6.1	RBAUX
77	10	30	17	16.5	281	6.0	259	5.0	6.7	RBAUX
77	10	30	18	8.0	270	3.0	270	3.4	1.2	RBAUX
77	10	30	19	9.0	270	5.5	265	3.4	-0.4	RBAUX
77	10	30	20	10.0	259	6.5	268	2.3	-2.0	RBAUX
77	10	30	21	11.5	259	6.0	270	1.8	-2.6	RBAUX
77	10	30	22	11.0	254	4.5	265	2.3	-3.1	RBAUX
77	10	30	23	17.0	275	3.0	254	2.9	-3.7	RBAUX
77	10	30	24	14.5	281	1.5	254	2.3	-4.2	RBAUX
77	10	31	1	16.0	281	2.5	259	1.2	-3.7	RBAUX
77	10	31	2	14.0	281	4.0	270	0.1	-3.1	RBAUX
77	10	31	3	12.5	275	4.5	265	-0.9	-2.6	RBAUX
77	10	31	4	10.0	270	4.0	265	-0.9	-3.1	RBAUX
77	10	31	5	6.0	356	4.0	259	-1.5	-4.7	RBAUX
77	10	31	6	2.0	61	4.0	265	-2.0	-4.7	RBAUX
77	10	31	7	4.0	29	2.5	259	-2.0	-4.7	RBAUX
77	10	31	8	3.0	56	3.0	259	-2.6	-3.1	RBAUX
77	10	31	9	4.0	173	2.5	308	-1.5	-0.9	RBAUX
77	10	31	10	4.5	13	2.5	29	-1.5	0.1	RBAUX
77	10	31	11	4.5	308	3.0	23	-0.9	0.1	RBAUX
77	10	31	12	9.5	265	4.0	308	-2.0	-0.4	RBAUX
77	10	31	13	10.0	270	6.5	259	-2.6	-0.4	RBAUX
77	10	31	14	7.0	243	6.5	227	-2.6	-0.9	RBAUX
77	10	31	15	6.5	292	7.0	265	-2.0	0.1	RBAUX
77	10	31	16	8.5	313	8.0	23	-2.0	-0.9	RBAUX
77	10	31	17	6.5	23	4.0	72	-4.2	-3.1	RBAUX
77	10	31	18	4.5	286	999.9	292	-4.2	-3.7	RBAUX

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO — DATA REVISION: 0

RIO BLANCO - SITES 2 & 3

YR	MN	DY	HR	WIND SPEED (MPH)	WIND DIRECT (DEG)	WIND SPEED (MPH)	WIND DIRECT (DEG)	TEMPERATURE T 2 10 M (C)	TEMPERATURE T 3 10 M (C)	SITE
77	10	31	19	4.0	297	2.5	259	-3.7	-5.8	RBAUX
77	10	31	20	4.5	324	4.0	270	-4.7	-8.0	RBAUX
77	10	31	21	3.5	356	5.0	270	-4.7	-8.0	RBAUX
77	10	31	22	2.0	13	5.0	270	-6.4	-8.0	RBAUX
77	10	31	23	2.5	286	5.5	259	-5.8	-9.1	RBAUX
77	10	31	24	3.5	286	6.5	270	-6.9	-9.1	RBAUX
77	11	1	1	3.0	254	7.0	275	-6.9	-9.6	RBAUX
77	11	1	2	3.0	221	7.0	275	-6.9	-10.2	RBAUX
77	11	1	3	5.5	265	6.5	275	-6.9	-10.2	RBAUX
77	11	1	4	5.5	275	7.0	275	-6.9	-10.2	RBAUX
77	11	1	5	4.5	275	5.5	281	-7.5	-10.7	RBAUX
77	11	1	6	5.0	265	999.9	259	-6.9	-11.2	RBAUX
77	11	1	7	3.5	200	6.0	275	-5.8	-11.2	RBAUX
77	11	1	8	3.0	200	4.0	259	-6.4	-6.9	RBAUX
77	11	1	9	3.0	254	4.0	76	-1.5	-2.6	RBAUX
77	11	1	10	5.5	146	4.5	76	-1.5	-0.4	RBAUX
77	11	1	11	6.5	313	4.0	173	-0.4	1.8	RBAUX
77	11	1	12	8.0	265	7.0	281	-0.4	2.3	RBAUX
77	11	1	13	8.0	254	6.5	259	0.1	2.9	RBAUX
77	11	1	14	7.5	248	8.0	254	1.8	3.4	RBAUX
77	11	1	15	9.5	281	999.9	999	1.8	4.5	RBAUX
77	11	1	16	9.0	265	999.9	999	2.3	999.9	RBAUX
77	11	1	17	6.0	275	999.9	999	0.7	999.9	RBAUX
77	11	1	18	4.0	205	999.9	999	0.1	999.9	RBAUX
77	11	1	19	6.0	200	999.9	999	-0.4	999.9	RBAUX
77	11	1	20	5.5	227	5.5	270	0.1	-4.2	RBAUX
77	11	1	21	5.5	232	4.0	265	-0.4	-5.3	RBAUX
77	11	1	22	6.0	232	4.5	270	0.1	-5.8	RBAUX
77	11	1	23	5.0	200	4.0	270	-0.4	-6.4	RBAUX
77	11	1	24	3.0	292	4.0	265	-1.5	-7.5	RBAUX
77	11	2	1	3.0	23	4.5	259	-1.5	-8.0	RBAUX
77	11	2	2	2.5	270	5.0	265	-1.5	-8.0	RBAUX
77	11	2	3	2.0	146	4.5	265	-2.6	-9.1	RBAUX
77	11	2	4	5.0	227	4.5	265	-0.4	-9.1	RBAUX
77	11	2	5	3.5	232	5.5	265	-0.4	-8.5	RBAUX
77	11	2	6	3.0	189	5.5	265	-0.4	-9.1	RBAUX
77	11	2	7	4.0	216	4.0	259	-0.4	-8.5	RBAUX
77	11	2	8	3.0	99	2.0	227	2.3	-3.7	RBAUX
77	11	2	9	4.5	113	2.0	108	3.4	2.9	RBAUX
77	11	2	10	6.5	119	5.0	50	6.1	6.1	RBAUX
77	11	2	11	6.0	270	5.0	56	8.8	9.4	RBAUX
77	11	2	12	7.5	259	6.0	238	9.4	11.6	RBAUX
77	11	2	13	10.0	259	9.0	248	10.5	12.6	RBAUX
77	11	2	14	10.0	248	10.5	248	11.0	13.2	RBAUX
77	11	2	15	10.5	243	8.0	232	12.1	13.7	RBAUX
77	11	2	16	9.0	238	7.0	243	12.1	11.4	RBAUX
77	11	2	17	7.0	232	5.5	248	10.5	9.4	RBAUX
77	11	2	18	6.5	211	8.0	254	6.7	5.6	RBAUX
77	11	2	19	9.5	248	5.5	248	6.7	3.9	RBAUX

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO DATA REVISION: 0

RIO BLANCO - SITES 2 & 3

YR	MN	DY	HR	WIND SPEED (MPH)	WIND DIRECT (DEG)	WIND SPEED (MPH)	WIND DIRECT (DEG)	TEMPERATURE T 2 10 M (C)	TEMPERATURE T 3 10 M (C)	SITE
77	11	2	20	8.5	248	4.0	270	7.2	0.1	RBAUX
77	11	2	21	8.0	243	5.5	259	7.2	-1.5	RBAUX
77	11	2	22	10.5	232	5.5	265	7.2	-2.0	RBAUX
77	11	2	23	8.0	243	6.0	259	6.7	-2.0	RBAUX
77	11	2	24	4.5	162	6.0	265	6.1	-2.6	RBAUX
77	11	3	1	8.0	243	6.5	265	6.1	-2.6	RBAUX
77	11	3	2	12.0	243	4.0	259	8.8	-3.1	RBAUX
77	11	3	3	9.0	248	4.0	259	8.3	-5.3	RBAUX
77	11	3	4	5.0	319	6.0	265	5.0	-5.3	RBAUX
77	11	3	5	3.5	275	6.0	259	4.5	-4.2	RBAUX
77	11	3	6	3.0	45	6.0	265	5.0	-4.7	RBAUX
77	11	3	7	1.5	275	7.5	265	3.9	-4.7	RBAUX
77	11	3	8	3.0	83	3.5	238	6.7	0.1	RBAUX
77	11	3	9	3.0	108	2.0	162	9.9	7.2	RBAUX
77	11	3	10	7.5	151	5.0	61	11.6	9.9	RBAUX
77	11	3	11	11.5	184	5.0	216	13.2	13.7	RBAUX
77	11	3	12	9.5	200	8.0	200	14.3	15.9	RBAUX
77	11	3	13	10.0	216	8.0	205	14.3	16.5	RBAUX
77	11	3	14	12.0	205	10.0	221	14.8	17.0	RBAUX
77	11	3	15	10.0	211	10.0	216	15.4	17.0	RBAUX
77	11	3	16	8.5	216	9.5	216	14.8	16.5	RBAUX
77	11	3	17	4.0	184	8.0	248	13.7	12.6	RBAUX
77	11	3	18	4.0	999	7.5	265	11.0	6.7	RBAUX
77	11	3	19	4.5	151	5.0	248	10.5	3.9	RBAUX
77	11	3	20	2.5	243	5.5	265	8.8	2.9	RBAUX
77	11	3	21	4.5	178	9.0	270	8.8	1.8	RBAUX
77	11	3	22	3.0	135	9.0	270	9.4	2.3	RBAUX
77	11	3	23	2.0	67	5.0	259	8.8	1.2	RBAUX
77	11	3	24	3.5	227	5.5	265	8.8	0.7	RBAUX
77	11	4	1	8.5	275	5.5	259	9.4	0.1	RBAUX
77	11	4	2	12.0	275	5.0	265	9.9	-0.9	RBAUX
77	11	4	3	14.0	286	999.9	265	10.5	-0.4	RBAUX
77	11	4	4	12.0	275	5.0	265	10.5	-0.4	RBAUX
77	11	4	5	9.0	200	6.5	270	9.9	0.7	RBAUX
77	11	4	6	12.5	216	6.0	270	11.0	0.1	RBAUX
77	11	4	7	18.5	205	6.5	270	11.0	0.7	RBAUX
77	11	4	8	19.0	211	3.5	254	12.1	5.0	RBAUX
77	11	4	9	17.0	211	9.5	216	13.2	14.3	RBAUX
77	11	4	10	16.0	238	10.0	211	14.3	16.5	RBAUX
77	11	4	11	23.0	232	13.5	232	14.8	17.0	RBAUX
77	11	4	12	26.5	227	16.5	232	14.8	17.0	RBAUX
77	11	4	13	26.0	232	17.5	238	15.4	17.6	RBAUX
77	11	4	14	24.0	227	17.0	232	15.4	18.1	RBAUX
77	11	4	15	24.5	227	16.0	232	15.4	17.6	RBAUX
77	11	4	16	17.0	211	11.0	216	14.3	16.5	RBAUX
77	11	4	17	14.5	216	4.0	189	12.6	14.3	RBAUX
77	11	4	18	14.0	221	3.5	248	12.1	10.5	RBAUX
77	11	4	19	13.5	221	5.5	265	11.6	7.7	RBAUX
77	11	4	20	14.0	227	2.0	77	11.6	6.1	RBAUX

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO DATA REVISION: 0

RIO BLANCO - STTES 2 & 3

YR	MN	DY	HR	WIND SPEED (MPH)	WIND DIRECT (DEG)	WIND SPEED (MPH)	WIND DIRECT (DEG)	TEMPERATURE T 2 10 M (C)	TEMPERATURE T 3 10 M (C)	SITE
77	11	4	21	13.5	227	4.5	265	11.0	5.0	RBAUX
77	11	4	22	15.0	216	5.0	270	11.6	2.9	RBAUX
77	11	4	23	13.0	216	5.5	259	11.6	2.3	RBAUX
77	11	4	24	12.5	221	5.0	265	11.6	2.3	RBAUX
77	11	5	1	6.0	157	7.0	270	10.5	2.3	RBAUX
77	11	5	2	4.5	297	7.5	270	7.7	2.9	RBAUX
77	11	5	3	4.0	211	7.0	265	8.8	2.3	RBAUX
77	11	5	4	8.5	211	7.0	270	9.4	0.7	RBAUX
77	11	5	5	10.0	205	7.0	265	8.8	0.7	RBAUX
77	11	5	6	14.0	200	5.5	259	9.4	0.7	RBAUX
77	11	5	7	14.0	205	5.0	200	8.8	3.4	RBAUX
77	11	5	8	14.0	194	4.0	103	9.4	9.4	RBAUX
77	11	5	9	17.5	184	4.5	103	10.5	11.6	RBAUX
77	11	5	10	16.5	200	6.5	200	12.1	13.2	RBAUX
77	11	5	11	18.0	211	14.5	227	12.6	14.3	RBAUX
77	11	5	12	18.0	205	13.0	227	13.2	14.8	RBAUX
77	11	5	13	19.5	200	13.0	221	14.3	16.5	RBAUX
77	11	5	14	18.0	205	13.5	216	14.3	17.0	RBAUX
77	11	5	15	16.0	200	10.0	216	14.3	16.5	RBAUX
77	11	5	16	14.0	194	9.0	205	13.7	15.4	RBAUX
77	11	5	17	11.5	211	5.0	232	12.6	13.7	RBAUX
77	11	5	18	10.0	189	4.5	254	11.0	12.1	RBAUX
77	11	5	19	10.5	184	5.0	254	11.6	10.5	RBAUX
77	11	5	20	9.5	184	5.0	259	10.5	8.8	RBAUX
77	11	5	21	13.5	184	4.0	265	12.1	5.0	RBAUX
77	11	5	22	15.0	184	4.0	265	12.1	3.4	RBAUX
77	11	5	23	20.0	194	5.5	221	12.1	9.9	RBAUX
77	11	5	24	20.0	205	12.5	216	11.6	13.2	RBAUX
77	11	6	1	19.5	211	9.0	216	11.6	12.6	RBAUX
77	11	6	2	16.0	216	7.5	221	11.0	11.6	RBAUX
77	11	6	3	17.5	216	6.0	216	10.5	11.6	RBAUX
77	11	6	4	10.0	216	999.9	254	9.4	7.7	RBAUX
77	11	6	5	9.5	216	7.0	275	9.4	4.5	RBAUX
77	11	6	6	8.0	221	4.0	254	8.8	3.4	RBAUX
77	11	6	7	13.5	167	5.5	184	8.8	5.0	RBAUX
77	11	6	8	5.5	270	5.5	238	1.8	3.9	RBAUX
77	11	6	9	3.0	324	2.5	243	3.4	3.9	RBAUX
77	11	6	10	4.0	34	2.5	29	3.4	5.0	RBAUX
77	11	6	11	3.5	45	3.0	83	3.4	5.6	RBAUX
77	11	6	12	4.0	40	4.0	77	3.9	6.1	RBAUX
77	11	6	13	6.5	7	5.5	13	4.5	6.7	RBAUX
77	11	6	14	9.5	286	8.0	265	2.9	5.6	RBAUX
77	11	6	15	8.5	308	6.5	270	3.4	5.0	RBAUX
77	11	6	16	10.5	324	6.0	281	3.9	6.1	RBAUX
77	11	6	17	9.5	281	5.0	252	3.4	5.6	RBAUX
77	11	6	18	7.0	270	6.0	238	0.7	2.9	RBAUX
77	11	6	19	5.0	297	3.5	254	0.7	1.8	RBAUX
77	11	6	20	6.0	302	3.0	259	1.2	1.8	RBAUX
77	11	6	21	5.0	335	2.0	72	1.8	2.3	RBAUX

* NUS CORPORATION-ENVIRONMENTAL SAFEGUARDS DIVISION *

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO DATA REVISION:

RIO BLANCO - SITES 2 & 3

YR	MN	DY	HR	WIND SPEED (MPH)	WIND DIRECT (DEG)	WIND SPEED (MPH)	WIND DIRECT (DEG)	TEMPERATURE T 2 10 M (C)	TEMPERATURE T 3 10 M (C)	SITE
77	11	6	22	5.0	319	2.5	351	1.8	1.2	RBAUX
77	11	6	23	3.5	7	1.5	88	1.2	0.1	RBAUX
77	11	6	24	2.5	94	3.0	265	0.7	0.7	RBAUX
77	11	7	1	2.5	254	999.9	265	0.7	0.1	RBAUX
77	11	7	2	3.0	270	999.9	259	0.7	-0.4	RBAUX
77	11	7	3	3.5	275	999.9	265	0.7	-0.4	RBAUX
77	11	7	4	4.5	308	999.9	259	0.1	-0.9	RBAUX
77	11	7	5	3.0	324	999.9	265	0.1	-0.9	RBAUX
77	11	7	6	4.0	335	999.9	265	-0.4	-0.9	RBAUX
77	11	7	7	3.0	324	999.9	999	-0.4	-0.9	RBAUX
77	11	7	8	2.0	205	3.5	999	-0.4	-0.4	RBAUX
77	11	7	9	3.0	108	2.5	292	1.2	1.8	RBAUX
77	11	7	10	5.5	302	4.0	351	1.8	3.4	RBAUX
77	11	7	11	5.0	18	4.0	2	3.9	5.0	RBAUX
77	11	7	12	7.5	29	5.5	45	5.0	6.1	RBAUX
77	11	7	13	5.0	72	4.5	108	6.1	7.7	RBAUX
77	11	7	14	4.5	40	4.5	83	8.3	9.4	RBAUX
77	11	7	15	8.5	356	6.0	356	7.7	9.9	RBAUX
77	11	7	16	6.0	346	4.0	335	7.7	9.9	RBAUX
77	11	7	17	6.0	302	6.0	302	6.1	7.2	RBAUX
77	11	7	18	5.0	286	5.5	265	4.5	5.0	RBAUX
77	11	7	19	4.5	286	1.0	221	3.9	1.8	RBAUX
77	11	7	20	3.0	297	6.0	270	3.4	-0.4	RBAUX
77	11	7	21	4.0	302	999.9	259	2.9	-0.9	RBAUX
77	11	7	22	10.0	346	5.0	65	1.2	1.2	RBAUX
77	11	7	23	6.0	50	5.5	72	0.1	0.7	RBAUX
77	11	7	24	6.5	76	5.0	23	-0.9	0.7	RBAUX
77	11	8	1	8.5	13	6.0	40	-2.0	-0.9	RBAUX
77	11	8	2	7.5	18	5.5	67	-4.2	-3.1	RBAUX
77	11	8	3	5.0	67	5.0	61	-4.7	-4.2	RBAUX
77	11	8	4	4.0	61	2.5	67	-5.8	-4.2	RBAUX
77	11	8	5	8.0	7	4.0	45	-6.4	-4.7	RBAUX
77	11	8	6	5.5	340	1.5	324	-6.9	-5.8	RBAUX
77	11	8	7	8.5	2	2.5	313	-8.0	-6.9	RBAUX
77	11	8	8	18.0	351	7.0	356	-7.5	-6.4	RBAUX
77	11	8	9	18.5	346	9.0	340	-7.5	-5.8	RBAUX
77	11	8	10	18.0	340	9.0	351	-8.0	-5.3	RBAUX
77	11	8	11	17.5	346	10.0	351	-7.5	-4.7	RBAUX
77	11	8	12	13.5	356	8.0	346	-6.9	-4.2	RBAUX
77	11	8	13	13.0	351	8.0	356	-7.5	-5.8	RBAUX
77	11	8	14	13.0	356	8.0	13	-8.5	-6.4	RBAUX
77	11	8	15	14.0	356	8.5	7	-8.5	-5.8	RBAUX
77	11	8	16	11.5	7	6.0	23	-8.0	-5.8	RBAUX
77	11	8	17	7.5	2	7.0	40	-9.1	-6.4	RBAUX
77	11	8	18	4.5	297	4.5	346	-10.2	-7.5	RBAUX
77	11	8	19	5.0	275	5.5	313	-11.2	-12.3	RBAUX
77	11	8	20	4.0	297	7.0	265	-11.8	-15.6	RBAUX
77	11	8	21	4.5	275	8.5	265	-11.8	-15.6	RBAUX
77	11	8	22	5.0	281	7.0	270	-12.3	-16.1	RBAUX

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO DATA REVISION: 0

RIO BLANCO - SITES 2 & 3

YR	MN	DY	HR	WIND SPEED (MPH)	WIND DIRECT (DEG)	WIND SPEED (MPH)	WIND DIRECT (DEG)	TEMPERATURE T 2 10 M (C)	TEMPERATURE T 3 10 M (C)	SITE
77	11	8	23	5.0	286	8.0	270	-12.3	-16.1	RBAUX
77	11	8	24	5.0	281	9.0	270	-12.9	-16.6	RBAUX
77	11	9	1	5.0	286	7.5	270	-12.9	-16.1	RBAUX
77	11	9	2	5.0	281	7.5	265	-12.3	-16.6	RBAUX
77	11	9	3	4.0	275	8.0	265	-12.9	-17.2	RBAUX
77	11	9	4	3.5	227	7.5	270	-12.3	-17.7	RBAUX
77	11	9	5	3.0	221	7.0	265	-12.9	-18.3	RBAUX
77	11	9	6	3.0	216	8.0	265	-12.9	-17.7	RBAUX
77	11	9	7	5.0	254	6.5	265	-11.8	-17.7	RBAUX
77	11	9	8	6.0	227	4.0	243	-10.2	-14.5	RBAUX
77	11	9	9	6.5	194	3.5	76	-9.1	-9.1	RBAUX
77	11	9	10	9.0	216	6.0	173	-4.7	-4.7	RBAUX
77	11	9	11	8.0	238	7.0	227	-5.3	-4.2	RBAUX
77	11	9	12	9.5	254	8.5	238	-4.7	-3.1	RBAUX
77	11	9	13	9.5	248	8.0	238	-4.2	-1.5	RBAUX
77	11	9	14	8.0	243	7.0	221	-2.6	-0.4	RBAUX
77	11	9	15	8.5	254	5.5	221	-2.0	1.2	RBAUX
77	11	9	16	6.0	194	4.5	216	-2.6	0.1	RBAUX
77	11	9	17	9.0	216	5.0	243	-4.2	-4.2	RBAUX
77	11	9	18	6.5	216	5.5	275	-5.3	-7.5	RBAUX
77	11	9	19	4.5	157	5.0	270	-4.7	-9.1	RBAUX
77	11	9	20	4.5	259	5.0	254	-3.7	-10.2	RBAUX
77	11	9	21	3.0	135	6.0	259	-4.7	-10.7	RBAUX
77	11	9	22	6.0	162	5.0	259	-3.7	-10.7	RBAUX
77	11	9	23	7.0	254	4.0	265	-4.2	-11.8	RBAUX
77	11	9	24	5.0	265	4.0	265	-4.2	-12.3	RBAUX
77	11	10	1	5.5	254	5.5	265	-4.2	-12.9	RBAUX
77	11	10	2	5.0	243	5.0	265	-3.7	-12.3	RBAUX
77	11	10	3	6.0	259	5.0	265	-3.7	-12.9	RBAUX
77	11	10	4	5.0	243	5.0	265	-2.6	-12.9	RBAUX
77	11	10	5	2.5	135	6.0	265	-5.8	-13.4	RBAUX
77	11	10	6	5.0	232	6.0	265	-3.1	-12.3	RBAUX
77	11	10	7	4.0	189	5.0	259	-2.6	-12.3	RBAUX
77	11	10	8	3.0	162	4.0	238	0.7	-8.0	RBAUX
77	11	10	9	5.0	200	3.0	113	1.8	-2.6	RBAUX
77	11	10	10	6.0	238	4.0	61	2.3	1.2	RBAUX
77	11	10	11	6.0	243	3.5	50	3.4	5.0	RBAUX
77	11	10	12	8.5	259	5.5	238	4.5	6.7	RBAUX
77	11	10	13	7.0	297	7.0	265	5.6	7.7	RBAUX
77	11	10	14	9.0	297	6.0	259	6.1	8.3	RBAUX
77	11	10	15	8.5	292	5.5	238	6.7	8.8	RBAUX
77	11	10	16	6.0	248	5.0	252	7.7	10.5	RBAUX
77	11	10	17	6.0	221	5.5	270	6.1	3.9	RBAUX
77	11	10	18	5.0	238	7.0	265	4.5	-0.4	RBAUX
77	11	10	19	5.0	270	6.0	259	5.0	-1.5	RBAUX
77	11	10	20	4.0	302	5.0	265	4.5	-3.1	RBAUX
77	11	10	21	3.0	254	5.5	265	3.9	-3.1	RBAUX
77	11	10	22	4.5	286	3.5	270	3.4	-5.3	RBAUX
77	11	10	23	3.5	23	7.0	265	0.7	-4.7	RBAUX

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO DATA REVISION: 0

RIO BLANCO - SITES 2 & 3

YR	MN	DY	HR	WIND SPEED (MPH)	WIND DIRECT (DEG)	WIND SPEED (MPH)	WIND DIRECT (DEG)	TEMPERATURE T 2 10 M (C)	TEMPERATURE T 3 10 M (C)	SITE
77	11	10	24	3.0	259	6.5	270	0.7	-5.3	RBAUX
77	11	11	1	2.0	319	4.5	265	1.2	-5.8	RBAUX
77	11	11	2	2.0	67	5.0	265	1.2	-6.9	RBAUX
77	11	11	3	3.0	135	8.0	270	-0.4	-6.9	RBAUX
77	11	11	4	4.0	297	7.0	270	0.7	-6.4	RBAUX
77	11	11	5	2.5	142	5.5	265	-0.4	-6.9	RBAUX
77	11	11	6	3.0	113	6.0	259	-0.4	-7.5	RBAUX
77	11	11	7	2.5	23	6.5	265	-0.4	-7.5	RBAUX
77	11	11	8	2.0	346	5.0	254	3.9	-4.2	RBAUX
77	11	11	9	1.5	270	2.5	97	5.6	2.3	RBAUX
77	11	11	10	2.0	108	3.0	81	7.7	5.0	RBAUX
77	11	11	11	2.0	216	4.0	72	10.5	8.3	RBAUX
77	11	11	12	4.0	162	5.5	72	11.0	9.4	RBAUX
77	11	11	13	5.0	292	5.0	61	11.6	11.0	RBAUX
77	11	11	14	7.0	254	3.5	108	9.9	12.1	RBAUX
77	11	11	15	7.5	248	7.5	238	9.4	11.6	RBAUX
77	11	11	16	9.5	232	6.0	243	8.3	9.9	RBAUX
77	11	11	17	5.5	232	6.0	254	6.7	6.7	RBAUX
77	11	11	18	4.5	270	4.0	265	4.5	2.3	RBAUX
77	11	11	19	3.0	157	4.0	265	5.6	1.2	RBAUX
77	11	11	20	7.0	211	5.5	275	5.6	0.7	RBAUX
77	11	11	21	2.5	162	5.0	270	4.5	0.1	RBAUX
77	11	11	22	8.0	211	7.5	265	5.0	-0.4	RBAUX
77	11	11	23	7.0	238	7.0	259	5.6	-1.5	RBAUX
77	11	11	24	4.5	232	5.0	265	4.5	-2.0	RBAUX
77	11	12	1	2.0	135	4.5	265	3.9	-2.6	RBAUX
77	11	12	2	2.0	157	5.0	259	3.9	-2.0	RBAUX
77	11	12	3	3.5	178	2.0	254	4.5	-2.6	RBAUX
77	11	12	4	3.5	205	4.5	265	3.9	-1.5	RBAUX
77	11	12	5	2.5	216	5.0	259	3.9	-1.5	RBAUX
77	11	12	6	6.0	248	6.0	265	4.5	-1.5	RBAUX
77	11	12	7	6.5	254	6.0	265	3.9	-2.0	RBAUX
77	11	12	8	11.0	254	5.5	265	4.5	-0.9	RBAUX
77	11	12	9	14.5	243	5.5	221	6.7	6.7	RBAUX
77	11	12	10	17.5	265	9.0	238	7.2	9.9	RBAUX
77	11	12	11	10.0	227	6.0	232	8.8	11.0	RBAUX
77	11	12	12	9.0	243	6.5	221	9.9	12.1	RBAUX
77	11	12	13	10.0	275	10.0	265	10.5	12.1	RBAUX
77	11	12	14	12.0	270	11.0	265	10.5	12.1	RBAUX
77	11	12	15	7.5	232	7.5	243	11.0	12.6	RBAUX
77	11	12	16	7.0	238	5.0	248	11.6	13.2	RBAUX
77	11	12	17	7.0	248	6.0	265	8.8	5.6	RBAUX
77	11	12	18	4.0	232	6.0	254	6.1	2.3	RBAUX
77	11	12	19	4.5	211	7.0	275	6.1	1.2	RBAUX
77	11	12	20	6.5	248	5.0	265	7.2	-0.4	RBAUX
77	11	12	21	5.5	259	6.0	270	6.7	-0.9	RBAUX
77	11	12	22	8.5	248	5.0	275	6.1	-1.5	RBAUX
77	11	12	23	11.0	243	4.5	265	6.1	-3.1	RBAUX
77	11	12	24	11.5	243	3.5	254	5.0	-2.6	RBAUX

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO DATA REVISION: 0

RIO BLANCO - SITES 2 & 3

YR	MN	DY	HR	WIND SPEED (MPH)	WIND DIRECT (DEG)	WIND SPEED (MPH)	WIND DIRECT (DEG)	TEMPERATURE T 2 10 M (C)	T 3 10 M (C)	SITE
77	11	13	1	11.0	243	4.0	243	5.6	-3.7	RBAUX
77	11	13	2	6.0	232	5.5	265	5.0	-4.7	RBAUX
77	11	13	3	4.5	281	5.0	259	4.5	-5.3	RBAUX
77	11	13	4	2.5	184	6.5	259	3.4	-5.3	RBAUX
77	11	13	5	1.0	162	6.0	259	2.9	-5.8	RBAUX
77	11	13	6	2.0	167	5.0	259	2.9	-5.8	RBAUX
77	11	13	7	1.0	162	6.5	259	2.9	-5.8	RBAUX
77	11	13	8	1.0	83	4.5	248	5.6	-2.6	RBAUX
77	11	13	9	3.5	99	2.0	157	7.2	5.6	RBAUX
77	11	13	10	2.5	140	2.0	29	9.4	8.8	RBAUX
77	11	13	11	8.0	211	5.0	45	10.5	11.6	RBAUX
77	11	13	12	7.5	216	6.0	227	11.0	13.7	RBAUX
77	11	13	13	10.0	238	8.0	232	12.1	14.3	RBAUX
77	11	13	14	11.5	216	10.0	227	11.6	14.3	RBAUX
77	11	13	15	12.0	216	10.5	232	11.6	13.2	RBAUX
77	11	13	16	8.0	205	8.0	238	10.5	12.1	RBAUX
77	11	13	17	11.0	243	9.5	232	7.7	9.9	RBAUX
77	11	13	18	7.0	254	8.5	248	6.7	6.1	RBAUX
77	11	13	19	4.5	200	9.0	259	5.6	2.9	RBAUX
77	11	13	20	7.0	232	7.0	270	5.0	1.2	RBAUX
77	11	13	21	15.5	248	5.5	265	6.1	0.7	RBAUX
77	11	13	22	20.5	243	2.0	254	6.7	-0.4	RBAUX
77	11	13	23	18.5	243	3.0	254	6.1	0.1	RBAUX
77	11	13	24	15.0	259	2.5	248	5.0	-0.4	RBAUX
77	11	14	1	11.0	254	4.0	265	5.0	-0.9	RBAUX
77	11	14	2	3.5	286	6.5	270	3.4	-2.0	RBAUX
77	11	14	3	4.5	259	4.5	270	3.4	-2.0	RBAUX
77	11	14	4	4.5	238	4.5	254	3.4	-3.7	RBAUX
77	11	14	5	3.5	184	3.5	254	3.4	-5.3	RBAUX
77	11	14	6	5.5	34	5.5	259	0.7	-5.8	RBAUX
77	11	14	7	2.5	200	6.5	275	0.9	-5.3	RBAUX
77	11	14	8	4.5	211	6.5	259	1.8	-1.5	RBAUX
77	11	14	9	5.5	178	4.0	252	3.9	5.0	RBAUX
77	11	14	10	11.0	270	9.0	254	5.6	7.2	RBAUX
77	11	14	11	10.0	275	12.5	259	5.6	8.3	RBAUX
77	11	14	12	14.0	265	10.5	243	5.6	8.3	RBAUX
77	11	14	13	15.5	270	11.5	243	6.7	8.8	RBAUX
77	11	14	14	16.0	275	12.5	243	6.7	8.8	RBAUX
77	11	14	15	16.5	281	11.0	265	6.1	8.3	RBAUX
77	11	14	16	14.5	265	10.5	248	6.1	7.7	RBAUX
77	11	14	17	16.0	265	5.0	248	5.0	6.1	RBAUX
77	11	14	18	15.0	275	2.5	76	5.0	3.4	RBAUX
77	11	14	19	11.0	281	2.0	254	4.5	3.4	RBAUX
77	11	14	20	7.5	281	4.5	254	4.5	2.3	RBAUX
77	11	14	21	13.0	292	4.5	270	4.5	1.8	RBAUX
77	11	14	22	13.5	297	2.5	275	4.5	4.5	RBAUX
77	11	14	23	3.0	238	4.5	270	2.3	1.8	RBAUX
77	11	14	24	11.0	248	5.5	265	2.3	-0.4	RBAUX
77	11	15	1	13.5	275	3.0	254	1.8	-1.5	RBAUX

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO DATA REVISION: 0

RIO BLANCO - SITES 2 & 3

YR	MN	DY	HR	WIND SPEED (MPH)	WIND DIRECT (DEG)	WIND SPEED (MPH)	WIND DIRECT (DEG)	TEMPERATURE T 2 10 M (C)	TEMPERATURE T 3 10 M (C)	SITE
77	11	15	2	12.5	275	3.5	292	1.2	-1.5	RBAUX
77	11	15	3	11.5	265	3.0	243	1.2	-3.1	RBAUX
77	11	15	4	15.5	286	3.5	254	1.2	-2.6	RBAUX
77	11	15	5	5.0	302	999.9	259	0.7	-3.1	RBAUX
77	11	15	6	5.5	254	4.0	259	0.1	-3.7	RBAUX
77	11	15	7	5.0	259	6.5	265	0.1	-3.7	RBAUX
77	11	15	8	7.0	259	5.5	254	0.7	-2.6	RBAUX
77	11	15	9	14.0	243	7.0	227	2.9	3.9	RBAUX
77	11	15	10	19.5	254	10.0	238	3.9	6.1	RBAUX
77	11	15	11	21.5	270	11.5	248	4.5	7.2	RBAUX
77	11	15	12	22.5	275	9.5	254	5.0	7.2	RBAUX
77	11	15	13	17.5	270	13.0	243	5.6	8.3	RBAUX
77	11	15	14	20.5	275	14.0	254	6.7	8.3	RBAUX
77	11	15	15	18.0	259	13.5	248	7.2	9.9	RBAUX
77	11	15	16	19.5	270	12.0	248	7.2	9.9	RBAUX
77	11	15	17	13.5	270	8.0	248	6.1	6.1	RBAUX
77	11	15	18	11.0	232	999.9	265	4.5	2.9	RBAUX
77	11	15	19	15.0	259	999.9	270	4.5	-0.4	RBAUX
77	11	15	20	14.5	270	999.9	254	4.5	-2.0	RBAUX
77	11	15	21	13.0	275	2.5	243	4.5	-1.5	RBAUX
77	11	15	22	22.0	270	3.0	56	3.9	0.7	RBAUX
77	11	15	23	18.5	265	3.5	65	3.9	0.7	RBAUX
77	11	15	24	17.5	265	2.0	999	2.9	0.1	RBAUX
77	11	16	1	14.5	265	1.5	232	2.9	-1.5	RBAUX
77	11	16	2	16.0	265	2.0	7	2.9	-1.5	RBAUX
77	11	16	3	15.0	270	1.5	292	2.3	-2.6	RBAUX
77	11	16	4	17.5	270	5.5	248	2.9	0.7	RBAUX
77	11	16	5	20.0	270	8.5	254	3.4	2.9	RBAUX
77	11	16	6	22.0	270	10.0	248	2.9	3.4	RBAUX
77	11	16	7	22.0	270	11.0	254	2.9	3.4	RBAUX
77	11	16	8	24.0	270	15.0	248	3.9	5.6	RBAUX
77	11	16	9	23.0	270	18.5	248	5.0	6.7	RBAUX
77	11	16	10	24.0	308	20.0	254	5.6	7.7	RBAUX
77	11	16	11	26.0	270	23.0	254	6.7	8.8	RBAUX
77	11	16	12	27.0	275	21.5	254	7.2	9.4	RBAUX
77	11	16	13	30.0	281	20.0	259	7.7	9.9	RBAUX
77	11	16	14	28.0	281	20.0	259	7.7	11.0	RBAUX
77	11	16	15	28.5	281	20.5	259	8.3	11.0	RBAUX
77	11	16	16	28.5	281	17.5	259	7.7	10.5	RBAUX
77	11	16	17	22.5	281	14.5	254	7.2	8.8	RBAUX
77	11	16	18	19.0	281	10.5	254	6.1	7.2	RBAUX
77	11	16	19	19.5	281	10.5	259	5.6	6.7	RBAUX
77	11	16	20	19.0	281	11.0	254	5.6	6.1	RBAUX
77	11	16	21	20.0	275	11.0	254	4.5	5.6	RBAUX
77	11	16	22	20.0	275	8.5	248	4.5	5.0	RBAUX
77	11	16	23	19.0	275	4.5	72	3.9	2.9	RBAUX
77	11	16	24	15.5	281	4.0	92	3.9	-0.4	RBAUX
77	11	17	1	11.5	286	2.0	999	3.4	-1.5	RBAUX
77	11	17	2	7.0	18	999.9	254	0.7	-3.1	RBAUX

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO DATA REVISION: 0

RIO BLANCO - SITES 2 & 3

YR	MN	DY	HR	WIND SPEED (MPH)	WIND DIRECT (DEG)	WIND SPEED (MPH)	WIND DIRECT (DEG)	TEMPERATURE T 2 10 M (C)	TEMPERATURE T 3 10 M (C)	SITE
77	11	17	3	3.5	356	999.9	248	-0.9	-3.7	RBAUX
77	11	17	4	3.5	324	6.5	265	-1.5	-4.2	RBAUX
77	11	17	5	3.5	308	6.5	270	-2.0	-4.7	RBAUX
77	11	17	6	4.0	313	999.9	275	-2.6	-5.3	RBAUX
77	11	17	7	3.0	313	999.9	275	-2.6	-5.3	RBAUX
77	11	17	8	3.0	308	999.9	259	-0.4	-2.6	RBAUX
77	11	17	9	2.5	346	2.5	270	2.9	2.9	RBAUX
77	11	17	10	4.5	335	4.5	81	3.0	3.0	RBAUX
77	11	17	11	13.0	270	5.5	70	5.6	4.5	RBAUX
77	11	17	12	15.5	270	11.0	259	6.1	7.2	RBAUX
77	11	17	13	13.0	259	11.5	243	7.2	9.4	RBAUX
77	11	17	14	11.5	259	9.5	243	8.3	10.5	RBAUX
77	11	17	15	11.5	227	8.5	221	8.3	10.5	RBAUX
77	11	17	16	12.0	227	7.5	232	8.3	9.9	RBAUX
77	11	17	17	15.5	232	2.5	254	6.1	7.7	RBAUX
77	11	17	18	18.0	238	1.0	999	5.6	1.2	RBAUX
77	11	17	19	17.0	243	1.5	108	5.6	-0.4	RBAUX
77	11	17	20	17.0	248	1.5	999	6.1	-0.9	RBAUX
77	11	17	21	18.0	238	1.5	999	6.7	-0.4	RBAUX
77	11	17	22	18.0	232	4.5	221	6.7	3.4	RBAUX
77	11	17	23	18.5	227	10.0	238	6.7	7.7	RBAUX
77	11	17	24	18.5	232	10.0	232	6.7	7.7	RBAUX
77	11	18	1	18.0	221	10.5	232	6.7	7.7	RBAUX
77	11	18	2	16.0	238	9.0	254	6.7	7.7	RBAUX
77	11	18	3	14.5	281	8.0	238	5.0	6.1	RBAUX
77	11	18	4	12.5	275	999.9	243	3.9	5.6	RBAUX
77	11	18	5	12.5	270	7.0	238	3.4	5.0	RBAUX
77	11	18	6	12.0	275	3.0	329	2.9	3.9	RBAUX
77	11	18	7	8.0	297	4.0	50	2.9	1.8	RBAUX
77	11	18	8	5.5	61	4.0	61	-0.4	1.2	RBAUX
77	11	18	9	2.5	162	999.9	999	-1.5	-0.4	RBAUX
77	11	18	10	4.0	157	2.5	254	-0.9	0.1	RBAUX
77	11	18	11	4.5	146	2.5	140	-0.4	1.2	RBAUX
77	11	18	12	15.5	205	3.0	124	3.9	2.9	RBAUX
77	11	18	13	23.5	216	999.9	999	5.6	999.9	RBAUX
77	11	18	14	22.5	216	14.5	216	6.1	7.7	RBAUX
77	11	18	15	21.5	216	11.5	205	6.7	8.8	RBAUX
77	11	18	16	20.0	211	11.0	205	6.1	8.3	RBAUX
77	11	18	17	19.0	200	9.0	211	5.6	7.2	RBAUX
77	11	18	18	17.5	200	8.0	200	5.6	7.2	RBAUX
77	11	18	19	16.5	189	7.5	205	5.0	6.7	RBAUX
77	11	18	20	16.0	200	7.5	227	5.0	6.1	RBAUX
77	11	18	21	20.0	211	7.5	216	5.6	6.7	RBAUX
77	11	18	22	25.5	221	12.5	227	6.1	7.7	RBAUX
77	11	18	23	26.0	216	12.5	227	6.1	7.7	RBAUX
77	11	18	24	27.5	205	14.5	221	6.1	8.3	RBAUX
77	11	19	1	26.0	205	15.5	216	4.5	7.2	RBAUX
77	11	19	2	24.5	216	16.0	221	3.4	6.1	RBAUX
77	11	19	3	20.5	211	12.5	221	1.8	5.0	RBAUX

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO DATA REVISION: 0

RIO BLANCO - SITES 2 & 3

YR	MN	DY	HR	WIND SPEED (MPH)	WIND DIRECT (DEG)	WIND SPEED (MPH)	WIND DIRECT (DEG)	TEMPERATURE T 2 10 M (C)	TEMPERATURE T 3 10 M (C)	SITE
77	11	19	4	21.0	216	13.5	221	3.4	5.6	RBAUX
77	11	19	5	18.0	211	10.5	221	1.8	4.5	RBAUX
77	11	19	6	16.5	194	8.5	200	1.8	3.9	RBAUX
77	11	19	7	16.5	200	8.5	194	2.3	3.9	RBAUX
77	11	19	8	13.5	194	8.5	216	-0.4	1.2	RBAUX
77	11	19	9	16.5	211	8.5	200	-0.4	1.8	RBAUX
77	11	19	10	16.5	275	11.0	254	-4.2	-1.5	RBAUX
77	11	19	11	16.0	281	5.5	56	-4.7	-2.6	RBAUX
77	11	19	12	5.5	50	3.0	50	-6.9	-5.8	RBAUX
77	11	19	13	8.0	335	3.5	999	-7.5	-6.4	RBAUX
77	11	19	14	5.5	340	3.0	286	-8.0	-6.4	RBAUX
77	11	19	15	5.0	308	5.5	243	-8.0	-6.4	RBAUX
77	11	19	16	3.5	248	3.5	238	-7.5	-6.4	RBAUX
77	11	19	17	3.5	281	3.0	238	-7.5	-5.8	RBAUX
77	11	19	18	3.0	23	4.0	77	-7.5	-5.8	RBAUX
77	11	19	19	8.5	248	3.0	59	-6.9	-6.9	RBAUX
77	11	19	20	16.0	275	10.5	254	-8.0	-6.9	RBAUX
77	11	19	21	17.5	275	11.0	254	-9.1	-6.9	RBAUX
77	11	19	22	14.0	281	8.5	254	-10.2	-8.5	RBAUX
77	11	19	23	17.5	270	9.5	243	-11.8	-10.2	RBAUX
77	11	19	24	18.0	319	8.5	243	-13.4	-11.8	RBAUX
77	11	20	1	20.0	324	10.5	243	-13.4	-13.4	RBAUX
77	11	20	2	19.0	302	11.5	248	-14.9	-14.5	RBAUX
77	11	20	3	15.0	302	7.5	243	-15.0	-17.2	RBAUX
77	11	20	4	15.0	259	8.0	248	-15.0	-16.1	RBAUX
77	11	20	5	13.0	254	8.5	254	-15.0	-17.7	RBAUX
77	11	20	6	12.5	254	8.0	248	-15.0	-17.2	RBAUX
77	11	20	7	12.5	259	9.5	243	-15.0	-17.7	RBAUX
77	11	20	8	10.5	259	8.0	232	-14.5	-16.1	RBAUX
77	11	20	9	13.0	254	6.0	243	-13.9	-12.3	RBAUX
77	11	20	10	12.5	254	10.5	227	-13.4	-11.2	RBAUX
77	11	20	11	14.0	248	11.0	238	-12.9	-10.7	RBAUX
77	11	20	12	13.5	259	9.5	243	-12.3	-10.2	RBAUX
77	11	20	13	11.5	265	9.5	254	-12.3	-9.6	RBAUX
77	11	20	14	6.0	227	5.5	265	-11.2	-9.6	RBAUX
77	11	20	15	2.0	231	3.0	270	-9.6	-8.5	RBAUX
77	11	20	16	3.5	108	2.5	275	-10.2	-9.6	RBAUX
77	11	20	17	4.5	157	5.5	270	-13.9	-16.6	RBAUX
77	11	20	18	4.5	200	7.0	275	-13.9	-18.8	RBAUX
77	11	20	19	3.5	130	7.5	270	-14.5	-20.4	RBAUX
77	11	20	20	2.5	270	8.0	265	-15.0	-21.0	RBAUX
77	11	20	21	1.5	999	7.5	259	-15.6	-21.0	RBAUX
77	11	20	22	1.5	184	6.5	259	-15.6	-21.5	RBAUX
77	11	20	23	2.0	227	7.5	259	-13.9	-21.5	RBAUX
77	11	20	24	3.5	77	6.5	259	-12.9	-21.0	RBAUX
77	11	21	1	5.0	184	3.0	248	-11.2	-22.0	RBAUX
77	11	21	2	4.0	999	4.0	259	-11.2	-20.4	RBAUX
77	11	21	3	2.5	346	4.5	259	-11.2	-18.3	RBAUX
77	11	21	4	4.0	34	3.5	259	-10.2	-16.1	RBAUX

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO DATA REVISION: 0

RIO BLANCO - SITES 2 & 3

YR	MN	DY	HR	WIND SPEED (MPH)	WIND DIRECT (DEG)	WIND SPEED (MPH)	WIND DIRECT (DEG)	TEMPERATURE T 2 10 M (C)	TEMPERATURE T 3 10 M (C)	SITE
77	11	21	5	3.0	124	4.0	259	-9.6	-15.6	RBAUX
77	11	21	6	3.5	97	2.5	254	-8.0	-13.4	RBAUX
77	11	21	7	13.5	216	3.5	54	-5.3	-13.9	RBAUX
77	11	21	8	9.5	162	2.5	61	-5.3	-12.9	RBAUX
77	11	21	9	11.5	221	1.5	999	-3.1	-10.2	RBAUX
77	11	21	10	18.0	227	3.5	65	-1.5	-6.9	RBAUX
77	11	21	11	20.0	227	2.0	999	-1.5	-0.4	RBAUX
77	11	21	12	21.5	232	6.5	252	-0.9	1.8	RBAUX
77	11	21	13	22.5	227	7.5	216	-0.4	3.4	RBAUX
77	11	21	14	27.5	227	7.5	216	-0.4	2.9	RBAUX
77	11	21	15	32.5	227	10.0	216	-0.9	1.8	RBAUX
77	11	21	16	31.5	221	5.5	205	-0.9	1.2	RBAUX
77	11	21	17	28.5	227	4.0	194	-0.4	1.2	RBAUX
77	11	21	18	28.5	227	4.5	70	-0.4	-0.4	RBAUX
77	11	21	19	25.5	238	4.0	999	-0.4	-0.4	RBAUX
77	11	21	20	23.0	238	4.0	162	-0.9	0.1	RBAUX
77	11	21	21	26.5	227	5.0	194	-0.4	1.2	RBAUX
77	11	21	22	27.5	227	7.5	221	-0.4	1.2	RBAUX
77	11	21	23	25.5	227	4.5	119	-0.4	0.1	RBAUX
77	11	21	24	26.0	221	4.5	119	0.1	0.1	RBAUX
77	11	22	1	27.0	221	5.0	281	0.1	0.1	RBAUX
77	11	22	2	22.0	221	6.5	275	0.7	0.7	RBAUX
77	11	22	3	25.0	221	5.5	146	0.7	0.7	RBAUX
77	11	22	4	27.0	216	6.5	189	-0.4	1.2	RBAUX
77	11	22	5	23.5	216	8.5	205	-0.4	1.2	RBAUX
77	11	22	6	23.0	221	9.5	211	0.1	2.3	RBAUX
77	11	22	7	30.0	221	14.5	252	-0.4	0.7	RBAUX
77	11	22	8	31.5	227	18.5	252	0.7	2.3	RBAUX
77	11	22	9	29.5	227	19.5	238	0.7	2.9	RBAUX
77	11	22	10	26.5	221	19.5	238	1.8	3.9	RBAUX
77	11	22	11	21.5	216	16.0	238	2.3	4.5	RBAUX
77	11	22	12	22.0	227	16.0	252	2.9	5.6	RBAUX
77	11	22	13	22.0	216	15.0	221	3.4	6.1	RBAUX
77	11	22	14	20.0	227	13.0	221	3.4	5.6	RBAUX
77	11	22	15	17.0	227	11.0	252	3.9	6.1	RBAUX
77	11	22	16	15.0	227	16.5	238	3.9	6.7	RBAUX
77	11	22	17	14.0	227	8.5	238	1.8	2.3	RBAUX
77	11	22	18	14.0	227	11.0	238	0.7	0.1	RBAUX
77	11	22	19	15.0	232	8.0	252	0.1	-1.5	RBAUX
77	11	22	20	16.5	232	999.9	238	0.1	-2.6	RBAUX
77	11	22	21	16.5	238	2.0	259	0.7	-5.3	RBAUX
77	11	22	22	15.5	232	2.0	243	0.1	-5.3	RBAUX
77	11	22	23	15.0	227	2.0	259	0.7	-6.9	RBAUX
77	11	22	24	14.0	227	3.5	259	0.7	-7.5	RBAUX
77	11	23	1	14.0	227	999.9	259	0.7	-7.5	RBAUX
77	11	23	2	18.0	221	999.9	259	1.2	-6.9	RBAUX
77	11	23	3	15.5	238	999.9	254	0.7	0.1	RBAUX
77	11	23	4	11.5	319	999.9	243	-0.4	0.7	RBAUX
77	11	23	5	14.0	270	7.5	243	-0.9	0.7	RBAUX

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO DATA REVISION: 0

RIO BLANCO - SITES 2 & 3

YR	MN	DY	HR	WIND SPEED (MPH)	WIND DIRECT (DEG)	WIND SPEED (MPH)	WIND DIRECT (DEG)	TEMPERATURE T 2 10 M (C)	TEMPERATURE T 3 10 M (C)	SITE
77	11	23	6	13.5	275	8.5	259	-1.5	0.1	RBAUX
77	11	23	7	7.5	248	4.0	211	-3.1	-1.5	RBAUX
77	11	23	8	4.0	135	3.5	259	-2.6	-2.6	RBAUX
77	11	23	9	8.5	292	4.0	999	-0.9	1.2	RBAUX
77	11	23	10	12.5	281	6.5	297	-0.4	1.8	RBAUX
77	11	23	11	12.0	270	9.5	275	-0.4	2.3	RBAUX
77	11	23	12	9.5	259	10.0	259	0.1	2.3	RBAUX
77	11	23	13	8.5	243	8.5	254	0.7	2.9	RBAUX
77	11	23	14	7.0	254	9.5	259	0.7	3.4	RBAUX
77	11	23	15	12.0	270	11.0	259	0.1	2.9	RBAUX
77	11	23	16	14.0	281	8.5	259	-0.4	1.8	RBAUX
77	11	23	17	9.5	265	4.0	248	-2.6	-0.4	RBAUX
77	11	23	18	6.0	254	5.0	275	-3.1	-5.8	RBAUX
77	11	23	19	6.0	259	5.5	265	-2.6	-8.0	RBAUX
77	11	23	20	5.5	216	7.0	259	-3.7	-8.0	RBAUX
77	11	23	21	6.0	227	6.5	270	-4.2	-7.5	RBAUX
77	11	23	22	9.5	275	6.5	270	-2.0	-7.5	RBAUX
77	11	23	23	8.0	248	4.0	248	-2.6	-5.8	RBAUX
77	11	23	24	10.0	232	3.0	259	-2.0	-8.0	RBAUX
77	11	24	1	10.5	227	5.0	259	-2.6	-8.5	RBAUX
77	11	24	2	7.0	205	4.0	265	-2.0	-8.5	RBAUX
77	11	24	3	4.0	184	5.5	265	-1.5	-7.5	RBAUX
77	11	24	4	6.5	178	5.5	265	-1.5	-5.8	RBAUX
77	11	24	5	5.5	184	3.0	248	-1.5	-4.7	RBAUX
77	11	24	6	3.5	999	3.5	259	-1.5	-4.2	RBAUX
77	11	24	7	7.5	205	7.0	265	-0.9	-2.6	RBAUX
77	11	24	8	11.0	238	6.0	238	0.1	1.8	RBAUX
77	11	24	9	7.0	162	6.5	173	0.7	3.9	RBAUX
77	11	24	10	6.0	178	6.5	221	2.3	5.0	RBAUX
77	11	24	11	9.0	205	10.0	227	3.4	5.6	RBAUX
77	11	24	12	7.5	232	6.0	227	3.9	6.1	RBAUX
77	11	24	13	11.5	227	6.0	194	3.9	6.7	RBAUX
77	11	24	14	10.0	216	7.0	211	4.5	6.7	RBAUX
77	11	24	15	14.0	232	8.5	232	4.5	7.2	RBAUX
77	11	24	16	12.0	221	7.0	238	3.9	6.1	RBAUX
77	11	24	17	11.0	238	4.0	254	2.9	3.4	RBAUX
77	11	24	18	13.5	254	3.0	254	2.9	3.4	RBAUX
77	11	24	19	8.5	281	2.5	45	3.9	3.4	RBAUX
77	11	24	20	4.5	7	999.9	77	3.9	2.9	RBAUX
77	11	24	21	2.5	999	999.9	265	2.3	1.8	RBAUX
77	11	24	22	3.0	329	3.5	270	1.8	1.8	RBAUX
77	11	24	23	4.5	167	4.0	265	1.8	2.3	RBAUX
77	11	24	24	6.0	211	4.5	270	3.4	1.8	RBAUX
77	11	25	1	8.0	259	4.0	259	3.4	-0.9	RBAUX
77	11	25	2	8.0	238	6.5	270	3.4	-0.9	RBAUX
77	11	25	3	11.0	232	6.0	281	3.4	-1.5	RBAUX
77	11	25	4	12.5	238	3.5	265	3.4	-2.0	RBAUX
77	11	25	5	12.0	243	4.0	254	3.4	-2.6	RBAUX
77	11	25	6	10.0	243	4.5	259	3.4	-2.0	RBAUX

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO DATA REVISION: 0

RIO BLANCO - SITES 2 & 3

YR	MN	DY	HR	WIND SPEED (MPH)	WIND DIRECT (DEG)	WIND SPEED (MPH)	WIND DIRECT (DEG)	TEMPERATURE T 2 10 M (C)	TEMPERATURE T 3 10 M (C)	SITE
77	11	25	7	12.0	254	4.0	265	3.9	-0.4	RBAUX
77	11	25	8	10.5	265	5.5	259	4.5	2.9	RBAUX
77	11	25	9	13.5	265	5.0	243	5.0	6.1	RBAUX
77	11	25	10	17.5	254	7.5	232	5.6	7.7	RBAUX
77	11	25	11	17.5	254	13.5	254	6.7	9.4	RBAUX
77	11	25	12	11.5	265	13.0	259	7.2	9.4	RBAUX
77	11	25	13	9.0	265	4.0	238	7.2	9.4	RBAUX
77	11	25	14	6.5	254	4.5	238	7.7	9.4	RBAUX
77	11	25	15	7.5	194	3.5	238	7.7	9.4	RBAUX
77	11	25	16	5.0	221	5.0	259	6.7	8.8	RBAUX
77	11	25	17	5.5	238	4.5	254	6.1	6.1	RBAUX
77	11	25	18	6.5	248	5.5	265	5.0	2.9	RBAUX
77	11	25	19	7.0	227	5.5	270	5.0	0.7	RBAUX
77	11	25	20	6.5	221	5.0	275	6.1	0.7	RBAUX
77	11	25	21	13.5	227	5.5	275	6.1	0.7	RBAUX
77	11	25	22	11.5	221	4.5	259	6.7	1.2	RBAUX
77	11	25	23	4.5	162	5.5	265	5.6	4.5	RBAUX
77	11	25	24	3.5	113	6.5	281	4.5	2.9	RBAUX
77	11	26	1	5.0	184	6.0	265	5.0	0.1	RBAUX
77	11	26	2	12.5	243	4.5	265	6.1	-0.4	RBAUX
77	11	26	3	7.0	178	5.5	265	6.1	-1.5	RBAUX
77	11	26	4	12.0	243	5.0	265	6.7	2.9	RBAUX
77	11	26	5	21.0	248	999.9	194	6.7	5.6	RBAUX
77	11	26	6	22.0	243	4.0	81	7.2	3.9	RBAUX
77	11	26	7	23.5	243	3.0	999	6.7	2.9	RBAUX
77	11	26	8	23.0	254	9.5	259	7.2	7.2	RBAUX
77	11	26	9	28.0	281	15.5	265	7.2	9.4	RBAUX
77	11	26	10	28.0	281	19.5	265	6.1	8.8	RBAUX
77	11	26	11	24.0	281	17.0	265	6.7	9.4	RBAUX
77	11	26	12	16.0	281	14.0	265	7.2	9.9	RBAUX
77	11	26	13	30.5	286	999.9	265	8.3	10.5	RBAUX
77	11	26	14	32.0	286	22.5	270	7.2	9.4	RBAUX
77	11	26	15	33.5	286	17.5	259	6.7	8.8	RBAUX
77	11	26	16	28.5	286	21.5	259	6.7	8.8	RBAUX
77	11	26	17	29.0	292	18.0	259	5.6	7.2	RBAUX
77	11	26	18	27.0	308	19.5	265	4.5	6.1	RBAUX
77	11	26	19	32.0	308	21.0	270	3.4	5.0	RBAUX
77	11	26	20	23.5	308	12.0	259	2.3	4.5	RBAUX
77	11	26	21	5.0	319	5.5	254	1.8	1.2	RBAUX
77	11	26	22	5.0	297	6.0	275	0.7	-1.5	RBAUX
77	11	26	23	3.5	88	5.0	259	0.1	-2.6	RBAUX
77	11	26	24	1.5	72	6.0	270	-0.9	-3.1	RBAUX
77	11	27	1	4.5	178	6.0	270	-1.5	-3.7	RBAUX
77	11	27	2	5.5	184	6.0	265	-0.9	-4.2	RBAUX
77	11	27	3	4.0	194	6.5	265	-1.5	-4.7	RBAUX
77	11	27	4	3.5	227	5.5	259	-2.6	-5.8	RBAUX
77	11	27	5	4.5	275	5.5	265	-2.0	-5.3	RBAUX
77	11	27	6	8.0	248	5.0	259	0.1	-4.7	RBAUX
77	11	27	7	999.9	259	5.0	254	0.7	-4.2	RBAUX

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO DATA REVISION: 0

RIO BLANCO - SITES 2 & 3

YR	MN	DY	HR	WIND SPEED (MPH)	WIND DIRECT (DEG)	WIND SPEED (MPH)	WIND DIRECT (DEG)	TEMPERATURE T 2 10 M (C)	TEMPERATURE T 3 10 M (C)	SITE
77	11	27	8	999.9	254	3.0	265	1.2	-3.7	RBAUX
77	11	27	9	8.5	275	3.0	265	1.8	0.1	RBAUX
77	11	27	10	5.5	238	8.0	243	-1.5	0.1	RBAUX
77	11	27	11	5.0	146	4.0	211	-0.4	1.2	RBAUX
77	11	27	12	3.0	162	5.5	178	0.1	1.8	RBAUX
77	11	27	13	3.0	157	3.0	151	0.7	2.3	RBAUX
77	11	27	14	6.0	216	5.0	92	1.2	2.9	RBAUX
77	11	27	15	6.0	205	5.5	140	2.3	3.9	RBAUX
77	11	27	16	999.9	221	4.0	178	1.2	3.4	RBAUX
77	11	27	17	3.5	227	3.5	259	1.2	1.2	RBAUX
77	11	27	18	11.5	265	3.0	259	1.2	0.1	RBAUX
77	11	27	19	7.0	259	6.5	248	-0.4	0.1	RBAUX
77	11	27	20	5.0	248	2.5	259	-0.9	-0.4	RBAUX
77	11	27	21	999.9	270	2.5	329	-1.5	-0.4	RBAUX
77	11	27	22	8.0	292	3.0	248	-1.5	-0.4	RBAUX
77	11	27	23	10.0	281	2.5	259	-0.9	-0.4	RBAUX
77	11	27	24	7.0	292	2.5	999	-0.9	-2.0	RBAUX
77	11	28	1	7.0	302	4.5	265	-1.5	-3.7	RBAUX
77	11	28	2	7.0	324	3.5	77	-2.0	-5.3	RBAUX
77	11	28	3	3.5	137	3.0	275	-4.7	-4.2	RBAUX
77	11	28	4	3.5	227	5.5	265	-4.2	-4.2	RBAUX
77	11	28	5	11.0	286	999.9	265	-3.7	-6.9	RBAUX
77	11	28	6	9.5	286	2.5	243	-3.1	-8.5	RBAUX
77	11	28	7	9.0	286	3.5	265	-3.1	-6.9	RBAUX
77	11	28	8	7.5	275	3.0	259	-3.1	-5.8	RBAUX
77	11	28	9	7.5	281	2.0	281	-1.5	-2.0	RBAUX
77	11	28	10	8.5	329	3.5	23	-0.4	0.7	RBAUX
77	11	28	11	5.0	324	5.0	18	-2.0	-0.4	RBAUX
77	11	28	12	5.5	115	4.0	81	-1.5	-1.5	RBAUX
77	11	28	13	5.5	115	3.5	56	-2.0	-0.9	RBAUX
77	11	28	14	3.5	110	3.0	50	-1.5	-0.4	RBAUX
77	11	28	15	3.0	135	999.9	189	-0.9	1.2	RBAUX
77	11	28	16	8.0	313	999.9	281	-0.9	0.7	RBAUX
77	11	28	17	8.0	329	3.0	275	-2.6	-2.6	RBAUX
77	11	28	18	5.0	313	4.0	265	-3.1	-5.8	RBAUX
77	11	28	19	3.5	270	6.0	270	-4.2	-6.9	RBAUX
77	11	28	20	4.0	313	999.9	275	-4.7	-7.5	RBAUX
77	11	28	21	3.5	308	7.0	270	-4.7	-8.0	RBAUX
77	11	28	22	4.0	308	7.5	270	-5.3	-8.5	RBAUX
77	11	28	23	4.5	286	7.5	275	-5.3	-9.1	RBAUX
77	11	28	24	4.0	281	7.5	275	-5.8	-9.1	RBAUX
77	11	29	1	4.0	248	7.0	270	-5.3	-9.1	RBAUX
77	11	29	2	5.0	259	999.9	275	-5.3	-9.1	RBAUX
77	11	29	3	5.0	265	999.9	270	-4.7	-10.2	RBAUX
77	11	29	4	3.0	275	999.9	265	-5.3	-10.7	RBAUX
77	11	29	5	3.5	286	999.9	265	-5.8	-10.7	RBAUX
77	11	29	6	8.0	275	999.9	265	-5.8	-10.7	RBAUX
77	11	29	7	8.5	270	999.9	999	-4.7	-10.2	RBAUX
77	11	29	8	8.5	243	999.9	259	-3.7	-8.0	RBAUX

METEOROLOGICAL DATA LISTINGS FOR RIO BLANCO DATA REVISION: 0

RIO BLANCO - SITES 2 & 3

YR	MN	DY	HR	WIND SPEED (MPH)	WIND DIRECT (DEG)	WIND SPEED (MPH)	WIND DIRECT (DEG)	TEMPERATURE T 2 10 M (C)	TEMPERATURE T 3 10 M (C)	SITE
77	11	29	9	6.5	167	999.9	81	-2.6	-4.7	RBAUX
77	11	29	10	4.0	200	999.9	81	-1.5	-3.1	RBAUX
77	11	29	11	8.0	243	999.9	86	-0.9	-2.0	RBAUX
77	11	29	12	7.0	259	999.9	65	-0.4	0.1	RBAUX
77	11	29	13	7.0	227	999.9	232	-0.4	1.8	RBAUX
77	11	29	14	9.5	216	999.9	211	0.1	2.9	RBAUX
77	11	29	15	7.0	259	999.9	221	0.1	2.3	RBAUX
77	11	29	16	7.0	205	999.9	178	0.1	1.8	RBAUX
77	11	29	17	7.5	243	2.5	211	0.7	0.7	RBAUX
77	11	29	18	13.0	254	2.5	270	0.1	-0.4	RBAUX
77	11	29	19	4.0	173	4.5	189	0.7	-0.4	RBAUX
77	11	29	20	3.5	119	3.0	254	-0.4	-2.6	RBAUX
77	11	29	21	9.5	248	4.5	259	0.1	-2.0	RBAUX
77	11	29	22	16.5	286	2.0	92	0.1	-4.2	RBAUX
77	11	29	23	15.0	286	4.5	270	0.1	-4.7	RBAUX
77	11	29	24	12.5	281	4.0	254	-0.9	-4.2	RBAUX
77	11	30	1	9.0	259	4.0	259	-1.5	-5.3	RBAUX
77	11	30	2	9.5	275	6.0	281	-2.6	-5.8	RBAUX
77	11	30	3	12.5	292	6.5	275	-2.6	-5.3	RBAUX
77	11	30	4	9.5	286	7.0	248	-3.7	-4.7	RBAUX
77	11	30	5	9.5	313	4.5	999	-3.7	-6.9	RBAUX
77	11	30	6	5.0	329	6.5	265	-5.3	-8.5	RBAUX
77	11	30	7	9.0	324	5.0	281	-5.3	-8.0	RBAUX
77	11	30	8	11.0	319	4.0	50	-4.7	-6.9	RBAUX
77	11	30	9	4.5	99	1.5	252	-4.7	-4.2	RBAUX
77	11	30	10	4.0	157	2.0	238	-3.7	-1.5	RBAUX
77	11	30	11	6.5	254	4.0	243	-2.6	-0.4	RBAUX
77	11	30	12	11.5	313	8.0	313	-2.0	0.7	RBAUX
77	11	30	13	12.0	319	7.0	302	-2.0	0.7	RBAUX
77	11	30	14	14.5	308	10.0	281	-2.0	0.7	RBAUX
77	11	30	15	11.5	297	8.0	270	-2.0	0.1	RBAUX
77	11	30	16	10.0	302	4.5	281	-1.5	0.7	RBAUX
77	11	30	17	8.0	324	2.5	319	-2.6	-1.5	RBAUX
77	11	30	18	8.5	335	3.5	265	-3.7	-4.7	RBAUX
77	11	30	19	10.5	329	5.5	270	-3.7	-2.6	RBAUX
77	11	30	20	11.0	340	5.5	270	-4.2	-2.6	RBAUX
77	11	30	21	11.0	319	6.0	270	-5.8	-4.7	RBAUX
77	11	30	22	13.5	319	7.0	265	-6.9	-5.8	RBAUX
77	11	30	23	12.0	302	4.0	275	-8.0	-8.0	RBAUX
77	11	30	24	10.0	313	7.0	265	-8.0	-11.2	RBAUX

RBOSC Precipitation Data, September - November 1977

Tables 1, 2, and 3 show the precipitation data collected at Sites 1, 2, and 3, respectively, on Rio Blanco Oil Shale Tract C-a, during the period September - November, 1977. Most of the gauges were not installed until the middle of the reporting period. The only precipitation gauge operational in September had poor data recovery in October and November due to data collection system problems. As a consequence, no onsite precipitation total for the period is available.

A precipitation total is available from Site 1 for September, but not for October. Precipitation totals from all three sites are available for November. At Sites 1 and 2 there is some discrepancy between the totals reported by the two operational onsite precipitation gauges. It is recommended that the data from the Wedge gauges be used, due to better exposures of the gauges.

Table 1

RBOSC Site 1 Precipitation Data, September - November 1977

Date	Weather Measure Tipping Bucket Gauge	Belfort Weighing Bucket Gauge	Wedge Gauge
9/3	0.09 in	NA	NA
9/11	0.32	"	"
9/12	0.01	"	"
9/14	0.17	"	"
9/15	0.11	"	"
9/30	0.04	"	"
September Total	0.74		
10/1 - 10/20	Data Collection System Not Operational		
10/21	M	0.05	NA
10/29	"	0.25	"
10/30	"	0.02	"
11/1	0.01	0.02	NA
11/6	0.27	0.50	0.46
11/8	M	0.25	0.20
11/19 - 11/20	"	0.72	0.54
11/21 - 11/23	"	T	T
11/25 - 11/28	"	0.17	M
11/29 - 11/30	"	0.02	"
November Total	--	1.68	1.20

NA - Data not available, gauge not installed
M - Missing Data
T - Trace of Precipitation

Table 2

RBOSC Site 2 Precipitation Data, September - November 1977

Date	Weather Measure Tipping Bucket Gauge	Belfort Weighing Bucket Gauge	Wedge Gauge
	Gauges installed approximately October 18, 1977		
10/20	0.02	0.05	NA
10/29	0.22	0.30	"
11/5 - 11/6	M	0.48	0.43
11/8	"	0.31	0.25
11/18	0.02	0.05	0.02
11/19 - 11/20	0.40	0.70	0.60
11/21 - 11/23	0.00	0.04	0.01
11/25 - 11/28	0.12	0.15	0.06
November Total	--	1.73	1.37

NA - Data not available, gauge not installed
M - Missing Data

Table 3

RBOSC Site 3 Precipitation Data, September - November 1977

Date	Weather Measure Tipping Bucket Gauge	Wedge Gauge
	Gauges installed approximately November 1, 1977	
11/4 - 11/7	M	0.38
11/10	0.05	0.06
11/17 - 11/18	M	0.05
11/19 - 11/20	"	0.54
11/21 - 11/23	0.00	T
11/25 - 11/27	0.00	"
11/28 - 11/30	M	0.11
November Total	--	1.14

M - Missing Data
T - Trace of Precipitation

APPENDIX 4-3
PERIPHYTON DATA

APPENDIX 4-3
PERIPHYTON DATA

APPENDIX 4-3.1

ALGAL TAXA IDENTIFIED IN PERIPHYTON COMMUNITIES
DURING RBOSC AQUATIC MDP STUDIES (OCTOBER 1977)

CYANOPHYTA

Calothrix sp

CHLOROPHYTA

Stigeoclonium sp
Cladophora sp

CHRYSOPHYTA

Bicoeca lacustris
Cyclotella meneghiniana
Diatoma vulgare
Meridion circulare
Fragilaria construens
F. leptostauron
F. pinnata
F. verescenes
F. vaucheriae
Synedra amphicephala
S. pulchella
S. ulna
Cocconeis pediculus
C. placentula
Achnanthes lanceolata
A. minutissima
Rhoicosphenia curvata
Mastogloia elliptica
Gyrosigma acuminatum
Pleurosigma delicatulum
Anomoeoneis sphaerophora
Navicula sp 1
N. sp 2
N. arvensis
N. capitata
N. cryptocephala
N. cryptocephala (var. 1)
N. cuspidata
N. gastrum
N. mutica
N. pelliculosa
N. protracta
N. salinarum
N. salinarum var. *intermedia*
N. subhamulata

N. tripunctata
N. vaucheriae
N. viridula
Caloneis amphisbaena
C. bacillum
Pinnularia brebissonii
Amphora coffeiformis
A. ovalis
A. ovalis var. pediculus
A. submontana
Cymbella affinis
C. minuta
C. perpusilla
C. pusilla
C. sinuata
C. ventricosa
Gomphonema intricatum
G. olivaceum
Amphiprora alata
Epithemia sorex
Rhopalodia gibba
R. gibberula
Cylindrotheca gracilis
Hantzschia amphioxys
Nitzschia acicularis
N. apiculata
N. avicularis
N. capitellata
N. chasei
N. denticula
N. dissipata
N. filiforms
N. frustulum
N. gracilis
N. holsatica
N. hungarica
N. latens
N. linearis
N. microcephala
N. palea
N. perminuta
N. sigma
N. sigmoidea
N. subcapitellata
N. thermalis
N. tryblionella
N. vermicularis
Cymatopleura solea
Surirella angustata

S. ovata
S. ovalis

APPENDIX 4-3.2

DENSITIES OF THE ALGAL SPECIES OBSERVED IN PERIPHYTON SAMPLES DURING RBOSC MDP STUDIES (OCTOBER 1977) AT STATION 13 (Densities are expressed in cells/mm^2).

Taxa	Replicate A
CHRYSOPHYTA	
Achnanthes minutissima	2,528
A. lanceolata	304
Bicoeca lacustris	112
Gomphonema intricatum	1,712
Meridion circulare	176
Navicula sp 2	32
N. arvensis	832
N. cryptocephala	720
N. pelliculosa	512
N. viridula	16
Nitzschia acicularis	176
N. capitellata	16
N. frustulum	128
N. latens	16
N. linearis	128
N. palea	176
Surirella ovata	48

APPENDIX 4-3.2 (Continued)

Taxa	Replicate B
CHRYSOPHYTA	
Achnanthes lanceolata	462
A. minutissima	957
Amphora submontana	99
Diatoma vulgare	33
Fragilaria vaucheriae	165
Gomphonema intricatum	1,023
Meridion circulare	363
Navicula sp 1	231
N. arvensis	330
N. cryptocephala (var. 1)	3,267
N. pelliculosa	198
N. tripunctata	33
N. viridula	363
Nitzschia avicularis	693
N. capitellata	165
N. dissipata	66
N. frustulum	495
N. holsatica	429
N. latens	165
N. linearis	627
N. palea	1,287
Pinnularia brebissonii	33
Surirella ovata	3,993
S. angustata	33
Synedra ulna	<1

APPENDIX 4-3.2 (Continued)

Taxa	Replicate C
CHRYSOPHATA	
Achnanthes lanceolata	480
A. minutissima	3,200
Bicoeca lacustris	400
Gomphonema intricatum	1,296
Meridion circulare	336
Navicula sp 1	16
N. sp 2	48
N. arvensis	1,792
N. cryptocephala (var. 1)	2,464
N. pelliculosa	1,392
N. viridula	256
Nitzschia acicularis	496
N. capitellata	32
N. frustulum	160
N. holsatica	80
N. latens	64
N. linearis	80
N. palea	768
Surirella ovata	144

APPENDIX 4.-3.2 (Continued)

Taxa	Replicate D
CHRYSOPHYTA	
Achnanthes lanceolata	88
A. minutissima	2,112
Bicoeca lacustris	2,519
Gomphonema intricatum	154
Meridion circulare	154
Navicula sp 2	121
N. arvensis	231
N. cryptocephala (var. 1)	451
N. pelliculosa	1,738
N. viridula	22
Nitzschia acicularis	176
N. frustulum	55
N. linearis	121
N. palea	22
Surirella ovata	55
Synedra amphicephala	11

APPENDIX 4-3.3

DENSITIES OF THE ALGAL SPECIES OBSERVED IN PERIPHYTON SAMPLES DURING RBOSC MDP STUDIES (OCTOBER 1977) AT STATION 14
(Densities are expressed in cells/mm^2).

Taxa	Replicate A
CHRYSOPHYTA	
Achnanthes minutissima	220
Fragilaria vaucheriae	33
Navicula sp 1	66
N. sp 2	33
N. arvensis	10
N. cryptocephala (var. 1)	858
N. pelliculosa	22,990
Nitzschia acicularis	22
N. capitellata	220
N. frustulum	473
N. holsatica	66
N. latens	330
N. microcephala	77
N. palea	110
N. subcapitellata	44
Synedra ulna	2

APPENDIX 4-3.3 (Continued)

Taxa	Replicate B
CHRYSOPHYTA	
Amphiprora alata	132
Cyclotella meneghiniana	66
Gomphonema intricatum	66
Gyrosigma acuminatum	1
Navicula sp 1	3,168
N. sp 2	132
N. arvensis	132
N. cryptocephala (var. 1)	3,630
N. viridula	66
Nitzschia acicularis	9,966
N. capitellata	594
N. denticula	66
N. frustulum	1,122
N. holsatica	132
N. latens	132
N. linearis	330
N. microcephala	66
N. palea	1,320
Surirella ovalis	132
Synedra ulna	132

APPENDIX 4-3.3 (Continued)

Taxa	Replicate C
CHRYSOPHYTA	
Amphiprora alata	99
Navicula sp 1	957
N. sp 2	33
N. arvensis	33
N. cryptocephala (var. 1)	1,287
N. protracta	33
N. vaucheriae	66
Nitzschia acicularis	2,508
N. capitellata	132
N. dissipata	33
N. filiformis	33
N. frustulum	98
N. hungarica	132
N. latens	198
N. linearis	98
N. palea	1,056
N. perminuta	66
Surirella ovalis	33
Synedra ulna	<3

APPENDIX 4-3.3 (Continued)

Taxa	Replicate D
CHRYSOPHYTA	
Achnanthes lanceolota	8
A. minutissima	72
Amphora coffeiformis	8
Gomphonema intricatum	32
Navicula sp 1	56
N. sp 2	16
N. arvensis	16
N. cryptocephala (var. 1)	168
N. pelliculosa	1,456
Nitzschia acicularis	40
N. frustulum	208
N. holsatica	16
N. latens	88
N. linearis	8
Pinnularia brebissonii	8
Surirella ovata	8

APPENDIX 4-3.4

DENSITIES OF THE ALGAL SPECIES OBSERVED IN PERIPHYTON SAMPLES DURING RBOSC MDP STUDIES (OCTOBER 1977) AT STATION 20 (Densities are expressed in cells/mm^2).

Taxa	Replicate A
CYANOPHYTA	
Calothrix sp	70
CHRYSOPHYTA	
Achnanthes minutissima	77
Amphiprora alata	28
Cyclotella meneghiniana	28
Cymbella pusilla	28
Fragilaria virescens	21
Gomphonema intricatum	203
Mastigloea elliptica	35
Navicula cryptocephala	21
N. cryptocephala (var. 1)	14
N. pelliculosa	7
N. viridula	28
Nitzschia apiculata	14
N. frustulum	42
N. latens	35
N. microcephala	7
N. palea	105
Surirella ovata	28
Synedra pulchella	28

APPENDIX 4-3.4 (Continued)

Taxa	Replicate B
CHRYSOPHYTA	
Achnanthes minutissima	10
Amphiprora alata	3
Amphora coffeiformis	3
Cyclotella meneghiniana	20
Cymbella perpusilla	3
Gomphonema intricatum	7
Navicula viridula	7
Nitzschia acicularis	3
N. linearis	3
N. palea	39

APPENDIX 4-3.4 (Continued)

Taxa	Replicate C
CYANOPHYTA	
Calothrix sp	6
CHRYSOPHYTA	
Achnanthes lanceolata	2
A. minutissima	5
Cyclotella meneghiniana	25
Cymbella perpusilla	5
Gomphonema intricatum	12
Navicula sp 2	3
N. arvensis	2
N. cryptocephala	2
N. viridula	6
Nitzschia capitellata	2
N. frustulum	5
N. latens	3
N. palea	8
Synedra amphicephala	2
S. pulchella	143

APPENDIX 4-3.4 (Continued)

Taxa	Replicate D
CYANOPHYTA	
Calothrix sp	2
CHRYSOPHYTA	
Achnanthes minutissima	2
Amphiprora alata	6
Cyclotella meneghiniana	18
Cymbella perpusilla	2
Gomphonema intricatum	13
Gyrosigma acuminatum	<1
Navicula sp 1	16
N. viridula	19
Nitzschia apiculata	2
N. frustulum	14
N. latens	26
N. microcephala	3
N. palea	9
N. sigma	<1
N. thermalis	18
Surirella ovalis	10
S. ovata	5
Synedra amphicephala	2
S. pulchella	18
S. ulna	3

APPENDIX 4-3.4 (Continued)

Taxa	Replicate E
CYANOPHYTA	
Calothrix spp	19
CHRYSOPHYTA	
Achnanthes minutissima	3
Anomoneis sphaerophora	2
Cyclotella meneghiniana	13
Hantzschia amphioxis	3
Navicula sp 1	24
N. mutica	2
N. viridula	8
Nitzschia frustulum	19
N. latens	3
N. palea	11
N. thermalis	5
N. vermicularis	<1
Rhopalodia gibba	<1
Synedra pulchella	13

APPENDIX 4-3.4 (Continued)

Taxa	Replicate F
CYANOPHYTA	
Calothrix spp	457
CHRYSOPHYTA	
Achnanthes minutissima	46
Amphiprora alata	2
Cyclotella meneghiniana	35
Cymbella perpusilla	18
Gomphonema intricatum	20
Gyrosigma acuminatum	2
Mastigloea elliptica	15
Navicula cryptocephala	13
N. viridula	7
Nitzschia frustulum	416
N. latens	11
N. microcephala	4
N. palea	31
N. thermalis	11
Rhopalodia gibberula	13
R. gibba	2
Surirella ovalis	4
S. ovata	11
Synedra amphicephala	4
S. pulchella	361
S. ulna	2

APPENDIX 4-3.4 (Continued)

Taxa	Replicate G
CYANOPHYTA	
Calothrix sp	26
CHRYSOPHYTA	
Achnanthes minutissima	8
Cyclotella meneghiniana	24
Cymbella perpusilla	2
Fragilaria construens	2
Gomphonema intricatum	11
Navicula salinarium var. *intermedia*	2
N. viridula	2
Nitzschia frustulum	2
N. latens	13
N. microcephala	2
N. palea	30
N. thermalis	3
Surirella ovata	2
Synedra amphicephala	5
S. pulchella	197

APPENDIX 4-3.4 (Continued)

Taxa	Replicate H
CYANOPHYTA	
Calothrix spp	202
CHRYSOPHYTA	
Acnanthes lanceolata	2
A. minutissima	38
Amphiprora alata	2
Amphora coffeiformis	2
Cocconeis placentula	2
Cyclotella meneghiniana	42
Cymbella perpusilla	29
Diatoma vulgare	2
Epithemia sorex	2
Gomphonema intricatum	34
Mastigloea elliptica	24
Navicula sp 1	16
N. viridula	19
Nitzschia apiculata	3
N. frustulum	146
N. latens	11
N. microcephala	10
N. palea	30
N. thermalis	24
Pinnularia brebbisonii	2
Rhopalodia gibberula	3
Surirella ovalis	14
S. ovata	18
Synedra amphicephala	2
S. pulchella	29

APPENDIX 4-3.5

DENSITIES OF THE ALGAL SPECIES OBSERVED IN PERIPHYTON SAMPLES DURING RBOSC MDP STUDIES (OCTOBER 1977) AT STATION 21 (Densities are expressed in cells/mm).

Taxa	Replicate A
CYANOPHYTA	
Calothrix sp	3
CHLOROPHYTA	
Stigeoclonium sp	1
CHRYSOPHYTA	
Acnanthes minutissima	20
Amphora ovalis var. *pediculus*	3
Cocconeis pediculus	3
Cyclotella meneghiniana	7
Cymbella pusilla	3
Fragilaria leptostauron	3
Gomphonema intricatum	102
Navicula cryptocephala	23
N. cryptocephala (var. 1)	3
Nitzschia frustulum	89
N. latens	10
N. microcephala	3
N. palea	673
N. thermalis	23
Synedra pulchella	53

APPENDIX 4-3.5 (Continued)

Taxa	Replicate B
CYANOPHYTA	
Calothrix spp	3,059
CHRYSOPHYTA	
Achnanthes minutissima	77
Amphiprora alata	21
Cocconeis placentula	28
Cyclotella meneghiniana	28
Cymbella perpusilla	21
Gomphonema intricatum	35
Navicula sp 1	91
N. cryptocephala (var. 1)	14
N. viridula	70
Nitzschia apiculata	7
N. chasei	7
N. dissipata	7
N. frustulum	700
N. latens	35
N. microcephala	35
N. palea	231
N. thermalis	35
Rhopalodia gibba	14
Surirella ovata	91
Synedra pulchella	42

APPENDIX 4-3.5 (Continued)

Taxa	Replicate C
CYANOPHYTA	
Calothrix spp	19
CHLOROPHYTA	
Stigeoclonium sp	3
CHRYSOPHYTA	
Achnanthes minutissima	2
Cyclotella meneghiniana	6
Gomphonema intricatum	2
Mastigloea elliptica	2
Navicula sp 1	2
N. viridula	3
Nitzschia apiculata	2
N. dissipata	2
N. frustulum	13
N. latens	3
N. microcephala	2
N. palea	26
N. thermalis	5
Synedra pulchella	34

APPENDIX 4-3.5 (Continued)

Taxa	Replicate D
CHRYSOPHYTA	
Cyclotella meneghiniana	7
Epithemia sorex	7
Gomphonema intricatum	6
Navicula viridula	10
Nitzschia frustulum	3
N. latens	10
N. palea	36
Synedra pulchella	13

APPENDIX 4-3.5 (Continued)

Taxa	Replicate E
CHRYSOPHYTA	
Achnanthes minutissima	2
Cymbella perpusilla	2
Epithemia sorex	1
Gomphonema intricatum	7
Navicula sp 1	1
N. sp 2	1
N. cryptocephala	2
N. salanarium var. intermedia	1
N. viridula	10
Nitzschia dissipata	1
N. frustulum	16
N. latens	1
N. microcephala	3
N. palea	20
N. thermalis	1
Surirella ovata	2
Synedra pulchella	55

APPENDIX 4-3.5 (Continued)

Taxa	Replicate F
CYANOPHYTA	
Calothrix sp	1
CHLOROPHYTA	
Stigeoclonium spp	51
CHRYSOPHYTA	
Achnanthes minutissima	2
Cyclotella meneghiniana	4
Cymbella perpusilla	2
Gomphonema intricatum	33
Navicula sp 1	2
N. viridula	3
Nitzschia capitellata	2
N. frustulum	60
N. latens	7
N. microcephala	1
N. palea	98
N. thermalis	2
Surirella ovata	2
Synedra pulchella	16

APPENDIX 4-3.5 (Continued)

Taxa	Replicate G
CYANOPHYTA	
Calothrix spp	227
CHRYSOPHYTA	
Amphiprora alata	4
Cyclotella meneghiniana	11
Cymbella perpusilla	11
Mastigloea elliptica	20
Navicula sp 1	35
N. sp 2	2
N. cryptocephala	2
N. salinarium	2
N. viridula	26
Nitzschia apiculata	2
N. capitellata	2
N. frustulum	587
N. latens	24
N. microcephala	4
N. palea	22
N. thermalis	20
Rhopalodia gibberula	11
Surirella ovalis	4
S. ovata	11
Synedra pulchella	64

APPENDIX 4-3.5 (Continued)

Taxa	Replicate H
CYANOPHYTA	
Calothrix spp	31
CHLOROPHYTA	
Stigeoclonium spp	11
CHRYSOPHYTA	
Achnanthes minutissima	11
Cyclotella meneghiniana	13
Gomphonema intricatum	48
Navicula cryptocephala	4
N. pelliculosa	7
N. viridula	11
Nitzschia apiculata	2
N. dissipata	2
N. frustulum	139
N. latens	86
N. microcephala	7
N. palea	434
N. thermalis	9
Rhopalodia gibba	<1
Surirella ovalis	<1
S. ovata	4
Synedra pulchella	57
S. ulna	2

APPENDIX 4-3.6

DENSITIES OF THE ALGAL SPECIES OBSERVED IN PERIPHYTON SAMPLES DURING RBOSC MDP STUDIES (OCTOBER 1977) AT STATION 27 (Densities are expressed in cells/mm^2).

Taxa	Replicate A
CYANOPHYTA	
Calothrix spp	198
CHLOROPHYTA	
Cladophora spp	693
CHRYSOPHYTA	
Achnanthes minutissima	132
Amphora ovalis var. *pediculus*	66
Cocconeis pediculus	1,089
Cylindrotheca gracilis	66
Cymbella minuta	33
Diatoma vulgare	198
Epithemia sorex	99
Fragilaria leptostauron	33
Gomphonema intricatum	66
G. olivacium	66
Gyrosigma acuminatum	3
Navicula sp 2	33
N. cryptocephala	561
N. cuspidata	1
N. salinarum var. *intermedia*	297
N. viridula	99
Nitzschia apiculata	132
N. chasei	99
N. dissipata	561
N. frustulum	396
N. holsatica	99
N. linearis	132
N. palea	132
Rhopalodia gibba	1
Synedra amphicephala	33
S. ulna	33

APPENDIX 4-3.6 (Continued)

Taxa	Replicate B
CYANOPHYTA	
Calothrix sp	1,122
CHLOROPHYTA	
Cladophora sp	5
Stigeoclonium sp	3
CHRYSOPHYTA	
Achnanthes minutissima	330
Amphora ovalis v. *pediculus*	66
Caloneis bacillum	66
Cocconeis pediculus	165
C. placentula	66
Cyclotella meneghiniana	66
Cymatopleura solea	1
Cymbella affinis	33
C. ventricosa	33
Diatoma vulgare	66
Epithemia sorex	693
Fragilaria leptostauron	66
F. vaucheriae	33
Gomphonema intricatum	429
G. olivacium	99
Gyrosigma acuminatum	6
Navicula sp 2	66
N. cryptocephala	1,320
N. salanarium v. *intermedia*	528
N. subhamulata	66
N. tripunctata	627
N. viridula	132
Nitzschia acicularis	66
N. apiculata	66
N. chasei	561
N. dissipata	1,188
N. frustulum	693
N. holsatica	66
N. tryblionella	33
Pleurosigma delicatulum	1
Rhoicosphenia curvata	33
Rhopalodia gibba	33
Synedra ulna	132

APPENDIX 4-3.6 (Continued)

Taxa	Replicate C
CYANOPHYTA	
Calothrix sp	231
CHLOROPHYTA	
Cladophora sp	66
CHRYSOPHYTA	
Achnanthes minutissima	66
Caloneis amphisbanea	66
Cocconeis pediculus	693
C. placentula	99
Cylendrotheca gracilis	33
Cymbella minuta	33
C. sinuata	33
Epithemia sorex	396
Fragilaria construens	66
F. vaucheriae	99
Gomphonema intricatum	66
G. olivacium	165
Gyrosigma acuminatum	5
Navicula sp 2	66
N. cryptocephala	594
N. gastrum	99
N. salinarium v. *intermedia*	33
N. tripunctata	165
N. viridula	66
Nitzschia acicularis	33
N. apiculata	33
N. chasei	33
N. dissipata	264
N. frustulum	330
N. holsatica	66
N. latens	33
N. linearis	33
N. thermalis	198
N. tryblionella	33
Pleurosigma delicatulum	2
Rhopalodia gibba	33

APPENDIX 4-3.6 (Continued)

Taxa	Replicate D
CYANOPHYTA	
Calothrix spp	352
CHLOROPHYTA	
Cladophora sp	10
CHRYSOPHYTA	
Achnanthes minutissima	88
Amphora ovalis v. *pediculus*	154
Caloneis bacillum	22
Cocconeis pediculus	528
C. placentula	44
Cyclotella meneghiniana	22
Cylindrotheca gracilis	22
Cymatopleura solea	<1
Diatoma vulgare	110
Epithemia sorex	330
Fragilaria pinnuta	22
Gomphonema intricatum	88
G. olivacium	286
Navicula cryptocephala	572
N. salinarium v. *intermedia*	110
N. tripunctata	44
N. viridula	22
Nitzschia chasei	22
N. dissipata	154
N. frustulum	198
N. holsatica	22
N. sigmoidea	<1
Synedra ulna	22

APPENDIX 4-3.7

DENSITIES OF THE ALGAL SPECIES OBSERVED IN PERIPHYTON SAMPLES DURING RBOSC MDP STUDIES (OCTOBER 1977) AT STATION 29 (Densities are expressed in cells/mm^2).

Taxa	Replicate A
CYANOPHYTA	
Calothrix spp	198
CHRYSOPHYTA	
Achnanthes minutissima	99
Amphiprora alata	33
Amphora ovalis v. *pediculus*	33
Cocconeis pediculus	99
Cyclotella meneghiniana	33
Cylindrotheca gracilis	33
Epithemia sorex	132
Gomphonema intricatum	333
G. olivacium	99
Gyrosigma acuminatum	1.5
Navicula sp 2	99
N. cryptocephala	660
N. pelliculosa	66
N. salinarium	33
N. viridula	33
Nitzschia apiculata	66
N. chasei	165
N. dissipata	1,782
N. frustulum	924
N. holsatica	165
N. thermalis	33
Rhopalodia gibba	1.2
Surirella ovata	132
Synedra pulchella	264
S. ulna	66

APPENDIX 4-3.7 (Continued)

Taxa	Replicate B
CYANOPHYTA	
Calothrix spp	132
CHLOROPHYTA	
Cladophora sp	198
CHRYSOPHYTA	
Achnanthes lanceolata	33
A. minutissima	264
Cocconeis pediculus	66
Cyclotella meneghiniana	66
Cymbella affinis	165
Diatoma vulgare	33
Epithemia sorex	165
Fragilaria pinnata	33
F. vaucheriae	99
Gomphonema intricatum	1,584
G. olivacium	198
Navicula sp 2	99
N. cryptocephala	1,188
N. salinarium v. *intermedia*	264
N. tripunctata	264
N. viridula	561
Nitzschia apiculata	33
N. chasei	363
N. dissipata	3,531
N. frustulum	2,112
N. gracilis	66
N. holsatica	132
N. palea	165
N. thermalis	165
Pleurosigma delicatulum	3
Rhopalodia gibba	33
R. gibberula	33
Surirella ovata	198
Synedra amphicephala	33
S. ulna	33

APPENDIX 4-3.7 (Continued)

Taxa	Replicate C
CYANOPHYTA	
Calothrix spp	293
CHRYSOPHYTA	
Amphora ovalis v. *pediculus*	66
Cyclotella meneghiniana	66
Cylindrotheca gracilis	66
Cymbella affinis	99
C. perpusilla	33
Epithemia sorex	264
Fragilaria pinnata	132
F. vaucheriae	33
Gomphonema intricatum	561
G. olivacium	66
G. parvulum	33
Mastigloea elliptica	33
Navicula cryptocephala	726
N. pelliculosa	33
N. salinarium v. *intermedia*	66
N. tripunctata	264
N. viridula	132
Nitzschia apiculata	33
N. chasei	132
N. dissipata	2,112
N. frustulum	1,485
N. holsatica	66
N. latens	66
N. thermalis	99
Rhopalodia gibba	6
R. gibberula	33
Surirella ovata	165
Synedra pulchella	132
S. ulna	66

APPENDIX 4-3.7 (Continued)

Taxa	Replicate D
CYANOPHYTA	
Calothrix spp	429
CHRYSOPHYTA	
Achnanthes lanceolata	33
Amphora ovalis v. *pediculus*	66
Cyclotella meneghiniana	33
Cymatopleura solea	<1
Cymbella affinis	66
C. sinuata	33
Epithemia sorex	330
Fragilaria vaucheriae	99
Gomphonema intricatum	330
G. olivacium	198
Gyrosigma acuminatum	<1
Navicula sp 2	198
N. cryptocephala	462
N. salinarium v. *intermedia*	66
N. tripunctata	198
N. viridula	165
Nitzschia apiculata	66
N. chasei	132
N. dissipata	6,006
N. frustulum	2,013
N. holsatica	165
N. latens	33
N. microcephala	33
N. palea	33
N. thermalis	198
Pleurosigma delicatulum	<1
Rhopalodia gibba	1
Surirella ovata	132
Synedra pulchella	66

APPENDIX 4-4
MACROINVERTEBRATE DATA

APPENDIX 4-4
MACROINVERTEBRATE DATA

APPENDIX 4-4.1

MACROINVERTEBRATE TAXA OBSERVED
DURING RBOSC AQUATIC MDP STUDIES, OCTOBER 1977

Nematoda
Enchytraeidae
Annelida
Oligochaeta
Haplotaxida
Haplotaxidae
Haplotaxis sp
Limnodrilus claparedeianus
L. hoffmeisteri
L. udekemianus
Immatures with capilliform chaetae
Immatures without capilliform chaetae
Nais sp
N. pristina
Acari
Ephemeroptera
Baetidae
Baetis sp
Callibaetis sp
Dactylobaetis sp
Heptageniidae
Heptagenia sp
Rhithrogena sp
Leptophlebiidae
Choroterpes sp
Limnephila
Ephemerellidae
Ephemerella sp
Tricorythidae
Tricorythodes sp
Odonata
Zygoptera
Agrionidae
Lestidae
Coenagrionidae
Plecoptera
Lepidoptera
Pyralidae
Coleoptera
Dytiscidae
Corixidae
Helophorus sp

Trichoptera
Hydropsychidae
Cheumatopsyche sp
Hydropsychidae
Hydropsyche sp
Hydroptilidae
Hydroptila sp
Glossosomatidae
Anagapetus sp
Diptera
Tipulidae
Dicranota
Hexatoma
Chironomidae
Pentaneurini
Ceratopogonidae
Thienemannimyia group
Diamesinae
Diamesa
Odontomesa
Chaetocladius
Orthocladiinae
Orthocladius
O. (*Euorthocladius*)
Psectrocladius
Psectrotanypus (Apsectrotanypus)
Cricotopus (*Cricotopus*)
C. (*I.*) *sylvestris* group
Eukiefferiella
Simuliidae
Simulium sp
Empididae
Anthomyiidae
Limnophora aequifrons
Stratiomyidae
Euparyphys sp
Tabanidae
Tabanus sp
Parakiefferiella
Parametriocnemus
Paraphaenocladius
Parorthocladius (*Psectrocladius*)
Pseudosmittia
Thienemanniella
Cryptochironomus
Parachironomus
Phaenopsectra (*Phaenopsectra*)
Polypedilum (*Polypedilum*) sp

Tanytarsini
Micropsectra
Microtendipes
Rheotanytarsus
Tanytarsus

APPENDIX 4-4.2

DENSITIES OF MACROINVERTEBRATES OBSERVED
DURING RBOSC MDP STUDIES (OCTOBER 1977) AT STATION 13
(Densities are expressed as organisms/m^2.)

	Replicate		
	A	B	C
Nematoda	-	-	18
Enchytraeidae	-	-	18
Immatures with capilliform chaetae	18	-	36
Immatures without capilliform chaetae	54	-	18
Nais sp	91	18	36
Tipulidae	36	18	-
Thienemannimyia group	54	36	90
Diamesa	1,448	923	1,158
Chaetocladius	-	18	-
Orthocladiinae	109	127	36
Orthocladius	543	91	163
O. (*Euorthocladius*)	18	-	-
Psectrocladius	-	-	18
Psectrotanypus (*Apsectrotanypus*)	72	36	-
Odontomesa	18	-	-
Phaenopsectra	-	18	-
Parakiefferiella	217	290	163
Paraphaenocladius	54	36	54
Thienemanniella	-	18	-
Polypedilum (*Polypedilum*) sp	18	-	18
Micropsectra	72	18	54
Microtendipes	0	18	18
Tanytarsus	54	36	54
Limnophora aequifrons	127	18	109
Euparyphus	-	-	18

APPENDIX 4-4.3

DENSITIES OF MACROINVERTEBRATES OBSERVED
DURING RBOSC MDP STUDIES (OCTOBER 1977) AT STATION 14
(Densities are expressed as organisms/m^2.)

	Replicate		
	A	B	C
Limnodrilus claparedeianus	-	-	72
L. hoffmeisteri	-	109	-
L. udekemianus	181	4,163	5,285
Immatures with capilliform chaetae	-	109	706
Immatures without capilliform chaetae	217	6,281	72
Diamesa	-	72	977
Orthocladiinae	-	18	-
Orthocladius	-	-	18
Parakiefferiella	-	-	54
Micropsectra	-	-	109
Limnophora aequifrons	-	-	18
Euparyphus	181	36	199
Phaenopsectra	-	18	18
Pseudosmittia	-	-	18
Parachironomous	-	18	-
Cryptochironomous	-	18	-
Psectrocladius	-	18	-
Odontomesa	-	18	-

APPENDIX 4-4.4

DENSITIES OF MACROINVERTEBRATES OBSERVED
DURING RBOSC MDP STUDIES (OCTOBER 1977) AT STATION 20
(Densities are expressed as organisms/m^2.)

	Replicate		
	A	B	C
Immatures with capilliform chaetae	-	-	36
Immatures without capilliform chaetae	-	18	18
Coenagrionidae	-	-	18
Helophorus sp	-	18	-
Hydroptilidae	-	-	18
Thienemannimyia group	109	91	109
Diamesa	18	18	72
Cricotopus (Cricotopus)	36	-	-
Cricotopus (*Isocladius*) sylvestris group	-	-	18
Orthocladiinae	-	-	18
Orthocladius	-	18	54
Micropsectra	-	-	18
Simulium sp	18	18	54

APPENDIX 4-4.5

DENSITIES OF MACROINVERTEBRATES OBSERVED
DURING RBOSC MDP STUDIES (OCTOBER 1977) AT STATION 21
(Densities are expressed as organisms/m^2.)

	Replicate		
	A	B	C
Limnodrilus udekemianus	18	-	127
Immatures without capilliform chaetae	253	-	543
Callibaetis	-	-	18
Tabanus	-	-	18
Corixidae	-	-	18
Hydropsyche sp	-	18	-
Ceratopogonidae	398	561	380
Thienemannimyia group	-	18	-
Diamesa	54	-	-
Cricotopus (Cricotopus)	-	18	18
Cryptochironomous	-	18	36
Orthocladiinae	-	-	36
Orthocladius	127	18	91
Parametriocnemus	-	-	18
Micropsectra	18	-	18
Simuliidae	652	326	507
Simulium sp	-	-	72

APPENDIX 4-4.6

DENSITIES OF MACROINVERTEBRATES OBSERVED
DURING RBOSC MDP STUDIES (OCTOBER 1977) AT STATION 27
(Densities are expressed as organisms/m^2.)

	Replicate		
	A	B	C
Nematoda	20	20	-
Dactylobaetis sp	-	20	-
Baetidae	78	-	78
Baetis sp	20	-	-
Heptagenia sp	20	-	20
Rhithrogena sp	-	-	20
Ephmerella sp	39	-	59
Tricorythodes sp	663	605	1,092
Plecoptera	-	20	-
Choroterpes sp	39	-	-
Limnephila	-	-	20
Hydropsychidae	98	20	-
Cheumatopsyche sp	59	20	-
Hydropsyche sp	20	-	-
Hydroptila sp	20	-	-
Ceratopogonidae	-	78	20
Pyralidae	20	-	-

APPENDIX 4-4.7

DENSITIES OF MACROINVERTEBRATES OBSERVED
DURING RBOSC MDP STUDIES (OCTOBER 1977) AT STATION 29
(Densities are expressed as organisms/m^2.)

	Replicate		
	A	B	C
Limnodrilus claparedeianus	-	39	-
L. hoffmeisteri	-	20	-
Immatures with capilliform chaetae	-	234	-
Immatures without capilliform chaetae	1,463	2,087	176
Nais sp	78	273	-
N. Pristina	-	20	-
Acari	-	39	-
Baetidae	410	294	78
Baetis sp	98	-	-
Ephmerella sp	-	20	-
Tricorythodes sp	-	294	-
Hydropsychidae	117	39	20
Hydropsyche sp	137	156	20
Ceratopogonidae	546	605	117
Thienemannimyia group	-	234	-
Diamesa	59	-	-
Cricotopus (Cricotopus)	20	20	-
Cricotopus	59	98	20
Eukiefferiella	39	20	-
Orthocladiinae	39	39	-
Orthocladius	39	59	-
O. (Eurthocladius)	39	-	-
Parakiefferiella	20	78	-
Polypedilum (Polypedilum) sp	-	39	-
Rheotanytarsus	20	117	-
Simuliidae	176	20	20
Simulium sp	20	-	-
Empididae	176	390	-
Pyralidae	20	-	-
Anagapetus sp	-	20	-

APPENDIX 5-1
WELL DESCRIPTION

APPENDIX 5-1

GS S-26 CUTTING DESCRIPTION

GS S-27 CUTTING DESCRIPTION

SCHEMATIC CROSS SECTION

APPENDIX 5-1 (continued)

RBOSP

CUTTINGS DESCRIPTION
GS S-26

LOCATION: NE-1/4 SE 1/4 Sec. 33, T 1 S, R 99 W
Approximately 30 feet south of Corral Gulch south wall
1.5 tenth of a mile east of road to Hunters Club

DATE DRILLED: 28 October 1977

TOTAL DEPTH: 48 feet

0' - 4'	Silty clay, small pebbles, light brown, dry
4' - 9'	Silty clay, harder drilling at 8 feet, some angular pieces of stone, dry
9' - 14'	Silty clay, light brown, some rounded and angular stones, dry At 13 feet, soil was much lighter in color, some sand, at 14' it appeared to be bedrock. Sampler was put on to check - found hard cemented alluvium - stones, sand clay,
14' - 19'	Hard drilling, sandy clay with gravel, rounded pebbles, slightly moist
19' - 24'	Slightly moist, silty clay with coarse gravel, silty clay, angular rock pieces, very hard drilling at 27'. At 28' some moderately moist plastic clay. Finger impression stays. At 24' put on sampler to check for bedrock, found sand, clay and gravel with 1/4" to 3/4" stones.
29' - 34'	Little drill cuttings returns - wet clay
34' - 39'	Wet clay
39' - 42'	At 42' hard drilling, clay small stones
44' - 48'	At 45' very hard at 48 hit bedrock

CASING RECORD:

1 1/4" PVC, 48 feet, bottom 5 feet perforated
2" PVC, 34 feet bottom 5 feet perforated
6 feet 4 1/2" diameter steel casing, cemented in 3/8" stone placed at level of perforations currings used for backfill.

Alluvial Well
27 October 1977
Job 741-40.11

APPENDIX 5-1 (continued)

RBOSP

CUTTINGS DESCRIPTION
GS S-27

LOCATION: SE-1/4, NE-1/4 Sec. 34, T. 15, R. 99 W
South side of corral gulch
Approximately 600' south of RBOSP visitors center

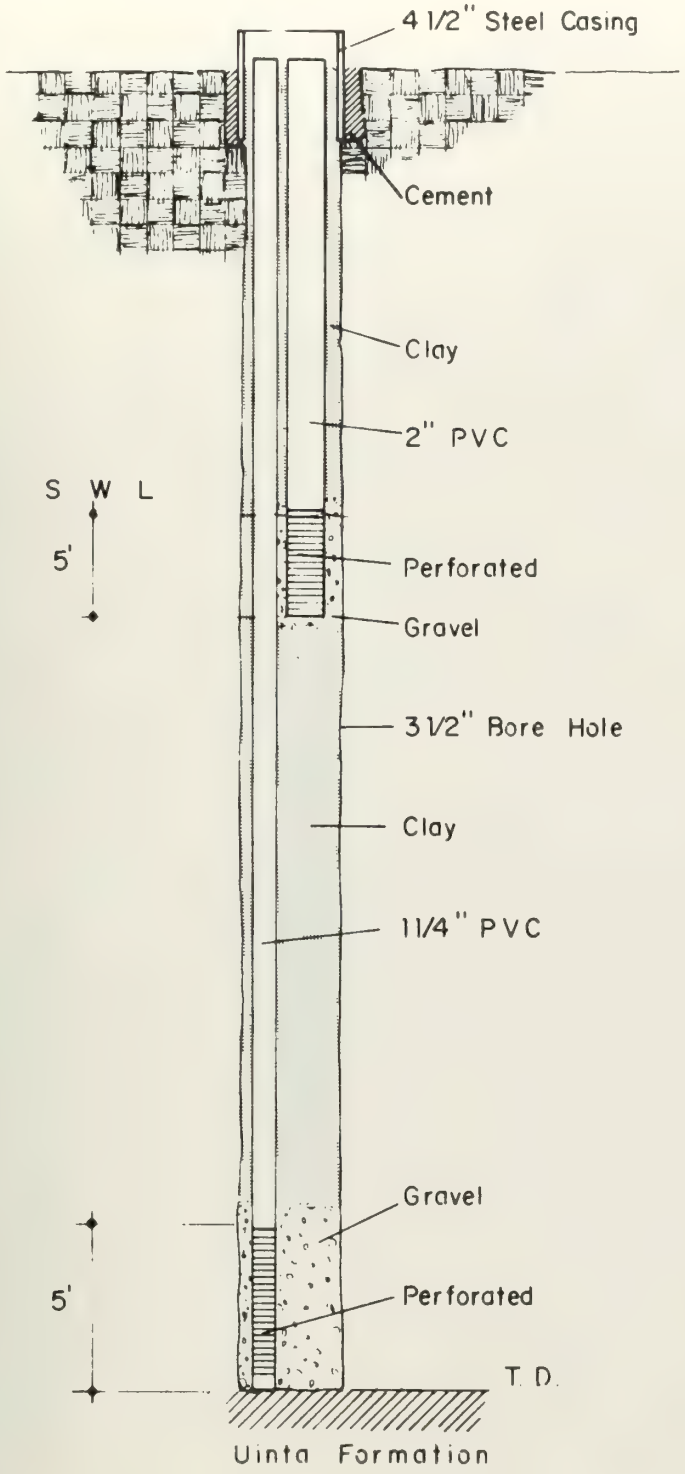
DATE DRILLED: 27 October 1977

TOTAL DEPTH: 104 feet

0' - 4'	Topsoil, sandy silty clay, light brown colors, dry compacts, mountains finger print.
0' - 8'	Sandy silt, light brown, dry
8' - 12'	Same, dry
12' - 18'	Same, dry
18' - 23'	Slightly darker brown, little sandier, dry
23' - 47'	Brown clay, some sand, moist
47' -	Dark brown clay, lost returns, wet
60' -	
62' -	Harder drilling
90' -	
104'	Bedrock

CASING RECORD:

1 1/4" PVC - 93 feet, bottom 5 feet perforated
2" PVC - 45 feet, bottom 5 feet perforated
6', 4 1/2" diameter steel casing, cemented in 3/8" stone placed at level of perforations. Cuttings used for backfill.



SCHEMATIC CROSS SECTION
ALLUVIAL HOLES G-S S-26
AND G-S S-27

APPENDIX 5-2
WATER QUALITY DATA

APPENDIX 5-2
WATER QUALITY DATA

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY — PROCESS DATE 11/01/77
09306230 - STAKE SPRINGS DRAW NEAR RANGELY, CO. — DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	TIME	WEATHER	SURFACE AREA (SQUARE MILES)	SPECIFIC CONDUCTANCE (MICROMHOS)	TOTAL FILTRABLE RESIDUE (MG/L)	TOTAL NONFILTRABLE RESIDUE (MG/L)	ATMOSPHERIC ODOR (SEVERITY)	DISSOLVED GROSS BETA AS CS-137 (PC/L)
SEP 12...	1146	0	26	700	460	390	1	23

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306230 - STAKE SPRINGS DRAW NEAR RANGELY, CO.

PROCESS DATE 11/01/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	SUS-PENDED GROSS BETA AS CS-137 (PC/L)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L)	DIS-SOLVED NATURAL URANIUM (U) (UG/L)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L)	SUS-PENDED GROSS ALPHA AS U-NAT. (UG/L)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L)	SUS-PENDED GROSS BETA AS SR90 /Y90 (PC/L)
SEP 12...	26	.11	2.2	6365	13	110	18	22

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306255 - YELLOW CREEK NEAR WHITE RIVER, CO.

PROCESS DATE 11/01/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	DIS-SOLVED CADMIUM (CD) (UG/L)	DIS-SOLVED CHROMIUM (CR) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED SELENIUM (SE) (UG/L)	ATMOSPHERIC ODOR (SEVERITY)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER DAY)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	DIS-SOLVED AMMONIA (NH4) (MG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL)
OCT												
07...	--	--	--	--	--	0	2580	--	3.51	.08	--	5535
NOV												
05...	--	--	--	--	--	--	2630	--	3.58	.00	--	5535
APR												
12...	2	0	5	3	1	--	2650	17.5	3.60	--	.0	5535
AUG												
15...	1	0	2	2	2	--	2760	--	3.75	--	.0	5535

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY — PROCESS DATE 11/01/77
09306255 - YELLOW CREEK NEAR WHITE RIVER, CO. — DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	SODIUM AD-SORP-TION RATIO	PERCENT SODIUM	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED BORON (B) (UG/L)
OCT												
07...	22	110	800	15	77	4.5	150	570	2.7	5.8	--	740
NOV												
05...	21	110	830	16	78	3.9	130	540	2.8	3.3	--	690
APR												
12...	39	120	800	14	74	4.2	110	590	1.8	13	2	630
AUG												
15...	21	85	950	21	84	4.5	160	510	2.6	5.4	7	810

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY — PROCESS DATE 11/01/77
09306255 - YELLOW CREEK NEAR WHITE RIVER, CO. — DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	DIS-SOLVED ORGANIC NITRO-GEN (N) (MG/L)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L)	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED ORTHO, PHOS-PHORUS (P) (MG/L)	DIS-SOL-VED ORGANIC CARBON (C) (MG/L)	SUS-PENDED ORGANIC CARBON (C) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)
OCT												
07...	.48	.06	.54	.06	.09	.03	.03	.01	--	.3	510	0
NOV												
05...	.60	.00	.60	.56	.12	.00	.04	.00	6.5	.3	510	0
APR												
12...	--	--	--	.69	--	--	.10	--	--	--	590	0
AUG												
15...	--	--	--	.06	--	--	.02	--	11	--	400	0

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY — PROCESS DATE 11/01/77
09306255 - YELLOW CREEK NEAR WHITE RIVER, CO. — DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	TIME	TEMPERATURE (DEG C)	SURFACE AREA (SQUARE MILES)	INSTANTANEOUS DISCHARGE (CFS)	COLOR (PLATINUM-COBALT UNITS)	SPECIFIC CONDUCTANCE (MICROMHOS)	DISSOLVED OXYGEN (MG/L)	PH (UNITS)	CARBON DIOXIDE (CO2) (MG/L)	ALKALINITY AS CACO3 (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)
OCT												
07...	1320	15.5	262	--	17	3500	6.5	8.9	3.8	1530	1300	277
NOV												
05...	1600	10.5	262	--	7	4500	9.3	8.8	5.1	1640	1490	251
APR												
12...	1115	8.0	262	2.4	--	3720	9.2	8.4	13	1620	1730	120
AUG												
15...	1200	--	262	--	--	--	--	--	--	1690	2060	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306244 - CORRAL GULCH AT 84 RANCH, CO.

PROCESS DATE 11/01/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	PHENOLS (UG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER DAY)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	DIS-SOLVED AMMONIA (NH4) (MG/L)	BROMIDE (BR) (MG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L)	SUS-PENDED GROSS ALPHA AS U-NAT. (UG/L)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L)	SUS-PENDED GROSS BETA AS SR90 /Y90 (PC/L)
OCT												
13...	--	1290	.07	1.75	.01	--	--	6366	--	--	--	--
FEB												
23...	--	1300	.28	1.77	.06	--	--	6366	--	--	--	--
MAR												
17...	--	1170	.16	1.59	.01	--	--	6366	--	--	--	--
APR												
19...	0	1290	.24	1.75	.05	.0	.0	6366	<14	<.4	7.1	<.4

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306244 - CORRAL GULCH AT 84 RANCH, CO.

PROCESS DATE 11/01/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)	DIS-SOLVED ALUM-INUM (AL) (UG/L)	DIS-SOLVED LITHIUM (LI) (UG/L)	DIS-SOLVED SELE-NIUM (SE) (UG/L)	ATMOS-PHERIC ODOR (SEVER-ITY)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L)	SUS-PENDED GROSS BETA AS CS-137 (PC/L)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L)	DIS-SOLVED NATURAL URANIUM (U) (UG/L)
OCT												
13...	--	--	--	--	--	--	--	1	--	--	--	--
FEB												
23...	--	--	--	--	--	--	--	--	--	--	--	--
MAR												
17...	--	--	--	--	--	--	--	--	--	--	--	--
APR												
19...	100	40	2700	20	20	10	2	--	8.7	<.4	.11	5.6

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306244 - CORRAL GULCH AT 84 RANCH, CO.

PROCESS DATE 11/01/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	DIS-SOLVED POTASSIUM (K) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	DIS-SOLVED CHROMIUM (CR) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)
OCT												
13...	2.3	20	580	.3	22	--	200	--	--	--	--	--
FEB												
23...	3.0	18	560	.3	19	--	180	--	--	--	--	--
MAR												
17...	2.8	15	480	.4	16	--	170	--	--	--	--	--
APR												
19...	2.3	21	550	.4	17	2	150	1	0	1	100	3

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY — PROCESS DATE 11/01/77
09306244 - CORRAL GULCH AT 84 RANCH, CO. — DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L)	DIS-SOL-VED ORGANIC CARBON (C) (MG/L)	SUS-PENDED ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	DIS-SOL-VED SUL-FIDE (S) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	SODIUM AD-SORP-TION RATIO	PERCENT SODIUM
OCT												
13...	.02	6.7	.1	--	--	730	300	110	110	190	3.1	36
FEB												
23...	.03	9.9	1.0	--	--	700	180	100	110	180	3.0	36
MAR												
17...	.05	8.8	.7	--	--	650	170	99	98	170	2.9	36
APR												
19...	.04	13	.8	.00	.6	710	200	100	110	180	3.0	36

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306244 - CORRAL GULCH AT 84 RANCH, CO.

PROCESS DATE 11/01/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	TOTAL FILTRABLE RESIDUE (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	OIL AND GREASE (MG/L)	DISSOLVED ORGANIC NITROGEN (N) (MG/L)	DISSOLVED AMMONIA NITROGEN (N) (MG/L)	DISSOLVED KJEL. NITROGEN (N) (MG/L)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L)	PHOSPHATE (PO4) (MG/L)	DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)
OCT												
13...	518	0	--	--	--	.28	.01	.29	.02	.03	.06	.01
FEB												
23...	633	0	--	--	--	.41	.05	.46	.21	.06	.09	.02
MAR												
17...	588	0	--	--	--	.73	.01	.74	.09	.18	.15	.06
APR												
19...	620	0	1400	<1	0	.37	.04	.41	.24	.06	.12	.02

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306244 - CORRAL GULCH AT 84 RANCH, CO.

PROCESS DATE 11/01/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	TIME	TEMPERATURE (DEG C)	WEATHER	INSTANTANEOUS DISCHARGE (CFS)	TURBIDITY (NTU)	COLOR (PLATINUM-COBALT UNITS)	SPECIFIC CONDUCTANCE (MICROMHOS)	DISSOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	PH (UNITS)	CARBON DIOXIDE (CO2) (MG/L)	ALKALINITY AS CACO3 (MG/L)
OCT												
13...	1005	7.5	0	.02	.60	4	1850	12.7	--	8.4	3.3	425
FEB												
23...	1450	8.5	--	.08	--	12	1800	8.5	--	8.6	2.5	519
MAR												
17...	1400	6.0	--	.05	--	25	1520	12.3	--	8.3	4.7	480
APR												
19...	1025	7.0	--	.07	--	6	1780	12.0	22	8.2	6.3	510

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306242 - CORRAL GULCH NEAR RANGELY, CO.

PROCESS DATE 11/01/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED SELE-NIUM (SE) (UG/L)	ATMOS-PHERIC ODOR (SEVER-ITY)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER DAY)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	DIS-SOLVED AMMONIA (NH4) (MG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL)
OCT										
12...	--	--	--	0	766	1.30	1.04	.00	--	6580
APR										
18...	1	2	2	--	878	.83	1.19	--	.0	6580
AUG										
16...	11	3	0	--	840	.48	1.14	--	.0	6580

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306242 - CORRAL GULCH NEAR RANGELY, CO.

PROCESS DATE 11/01/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	PERCENT SODIUM	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)
OCT										
12...	32	1.5	12	280	.4	22	--	130	--	--
APR										
18...	34	1.5	14	320	.4	20	5	110	2	0
AUG										
16...	35	1.8	18	270	.4	20	4	140	3	4

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306242 - CORRAL GULCH NEAR RANGELY, CO.

PROCESS DATE 11/01/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L)	DIS-SOL-VED ORGANIC CARBON (C) (MG/L)	SUS-PENDED ORGANIC CARBON (C) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	SODIUM AD-SORP-TION RATIO
OCT										
12...	.08	.03	5.2	.3	450	110	79	62	100	2.0
APR										
18...	.01	--	4.9	--	500	89	86	69	120	2.3
AUG										
16...	.04	--	5.4	--	490	84	86	67	120	2.4

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306242 - CORRAL GULCH NEAR RANGELY, CO.

PROCESS DATE 11/01/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	CARBON DIOXIDE (CO2) (MG/L)	ALKALINITY AS CACO3 (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED ORGANIC NITROGEN (N) (MG/L)	DISSOLVED AMMONIA NITROGEN (N) (MG/L)	DISSOLVED KJEL. NITROGEN (N) (MG/L)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L)	PHOSPHATE (PO4) (MG/L)	DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L)
OCT										
12...	8.5	347	423	0	.24	.00	.24	.16	.25	.09
APR										
18...	10	410	500	0	--	--	--	.14	--	--
AUG										
16...	2.6	430	520	0	--	--	--	.09	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306242 - CORRAL GULCH NEAR RANGELY, CO.

PROCESS DATE 11/01/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	TIME	TEMPERATURE (DEG C)	WEATHER	SURFACE AREA (SQUARE MILES)	INSTANTANEOUS DISCHARGE (CFS)	TURBIDITY (NTU)	COLOR (PLATINUM-COBALT UNITS)	SPECIFIC CONDUCTANCE (MICROMHOS)	DISSOLVED OXYGEN (MG/L)	PH (UNITS)
OCT										
12...	1220	11.0	0	31	.63	4.7	3	1100	9.5	7.9
APR										
18...	1225	14.0	--	31	.35	--	--	1300	9.2	7.9
AUG										
16...	1020	--	--	31	.21	--	--	1240	--	8.5

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306240 - BOX ELDER GULCH NEAR RANGELY, CO.

PROCESS DATE 11/01/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED SELE-NIUM (SE) (UG/L)	ATMOS-PHERIC ODOR (SEVER-ITY)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER DAY)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	DIS-SOLVED MERCURY (HG) (UG/L)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL)
AUG 25...	150	1	10	19	9	0	1	243	.05	.33	.0	6955

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306240 - BOX ELDER GULCH NEAR RANGELY, CO.

PROCESS DATE 11/01/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	NON-CARBONATE HARDNESS (MG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	SODIUM ADSORPTION RATIO	PERCENT SODIUM	DIS-SOLVED POTASSIUM (K) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)
AUG 25...	34	40	12	25	.9	26	3.6	4.8	66	.3	12	4

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306240 - BOX ELDER GULCH NEAR RANGELY, CO.

PROCESS DATE 11/01/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	TIME	TEMPERATURE (DEG C)	WEATHER	SURFACE AREA (SQUARE MILES)	INSTANTANEOUS DISCHARGE (CFS)	SPECIFIC CONDUCTANCE (MICROMHOS)	ALKALINITY AS CACO3 (MG/L)	BICARBONATE (HCO3) (MG/L)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DISSOLVED ORGANIC CARBON (C) (MG/L)	HARDNESS (CA,MG) (MG/L)
AUG 25...	1000	16.5	0	9.2	.08	400	110	140	2.3	8.0	40	150

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306242 - CORRAL GULCH NEAR RANGELY, CO.

PROCESS DATE 12/07/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978

DATE	TIME	TEMPERATURE (DEG C)	SURFACE AREA (SQUARE MILES)	INSTANTANEOUS DISCHARGE (CFS)	SPECIFIC CONDUCTANCE (MICROMHOS)	DISSOLVED OXYGEN (MG/L)	PH (UNITS)	TOTAL FILTRABLE RESIDUE (MG/L)	TOTAL NONFILTRABLE RESIDUE (MG/L)	ATMOSPHERIC ODOR (SEVERITY)
OCT 19...	1100	12.0	31	.28	1150	10.4	7.6	900	4	1

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306242 - COAL GULCH NEAR RANGELY, CO.

PROCESS DATE 12/07/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978

DATE	DIS-SOLVED GROSS BETA AS CS-137 (PC/L)	SUS-PENDED GROSS BETA AS CS-137 (PC/L)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L)	DIS-SOLVED NATURAL URANIUM (U) (UG/L)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L)	SUS-PENDED GROSS ALPHA AS U-NAT. (UG/L)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L)	SUS-PENDED GROSS BETA AS SR90 /Y90 (PC/L)
OCT 19...	<6.4	.6	.21	3.1	6580	18	<.4	<5.1	.5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306242 - CORRAL GULCH NEAR RANGELY, CO.

PROCESS DATE 12/07/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	TIME	SURFACE AREA (SQUARE MILES)	INSTANTANEOUS DISCHARGE (CFS)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	CARBON DIOXIDE (CO2) (MG/L)	ALKALINITY AS CACO3 (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DISSOLVED ORGANIC CARBON (C) (MG/L)
AUG 16...	1020	31	.21	1240	8.5	2.6	430	520	0	.09	.04	5.4

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306242 - CORRAL GULCH NEAR RANGELY, CO.

PROCESS DATE 12/07/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	HARDNESS (CA,MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	SODIUM ADSORPTION RATIO	PERCENT SODIUM	DISSOLVED POTASSIUM (K) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED SILICA (SIO2) (MG/L)
AUG 16...	490	64	86	67	120	2.4	35	1.8	18	270	.4	20

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306242 - CORRAL GULCH NEAR RANGELY, CO.

PROCESS DATE 12/07/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED SELE-NIUM (SE) (UG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER DAY)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	DIS-SOLVED MERCURY (HG) (UG/L)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL)
AUG 16...	4	140	3	4	11	3	0	840	.48	1.14	.0	6580

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY — PROCESS DATE 12/07/77
09306240 - BOX ELDER GULCH NEAR RANGELY, CO. — DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	TIME	TEMPERATURE (DEG C)	WEATHER	SURFACE AREA (SQUARE MILES)	INSTANTANEOUS DISCHARGE (CFS)	SPECIFIC CONDUCTANCE (MICROMHOS)	ALKALINITY AS CACO3 (MG/L)	BICARBONATE (HCO3) (MG/L)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DISSOLVED ORGANIC CARBON (C) (MG/L)	HARDNESS (CA,MG) (MG/L)
AUG 25...	1000	16.5	0	9.2	.08	400	110	140	2.3	8.0	40	150

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306240 - BOX ELDER GULCH NEAR RANGELY, CO.

PROCESS DATE 12/07/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	NON-CARBONATE HARDNESS (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	SODIUM ADSORPTION RATIO	PERCENT SODIUM	DISSOLVED POTASSIUM (K) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
AUG 25...	34	40	12	25	.9	26	3.6	4.8	66	.3	12	4

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY — PROCESS DATE 12/07/77
09306240 - BOX ELDER GULCH NEAR RANGELY, CO. — DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED SELE-NIUM (SE) (UG/L)	ATMOS-PHERIC ODOR (SEVER-ITY)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TJENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER DAY)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	DIS-SOLVED MERCURY (HG) (UG/L)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL)
AUG 25...	150	1	10	19	9	0	1	243	.05	.33	.0	6955

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306255 - YELLOW CREEK NEAR WHITE RIVER, CO.

PROCESS DATE 12/07/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	TIME	SURFACE AREA (SQUARE MILES)	ALKALINITY AS CACO3 (MG/L)	BICARBONATE (HCO3) (MG/L)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DISSOLVED ORGANIC CARBON (C) (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)
AUG 15...	1200	262	1690	2060	.06	.02	11	400	0	21

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306255 - YELLOW CREEK NEAR WHITE RIVER, CO.

PROCESS DATE 12/07/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	SODIUM AD-SORP-TION RATIO	PERCENT SODIUM	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)
AUG 15...	85	950	21	84	4.5	160	510	2.6	5.4	7

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306255 - YELLOW CREEK NEAR WHITE RIVER, CO.

PROCESS DATE 12/07/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED SELE-NIUM (SE) (UG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	DIS-SOLVED MERCURY (HG) (UG/L)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL)
AUG 15...	810	1	0	2	2	2	2760	3.75	.0	5535

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY — PROCESS DATE 12/07/77
09306230 - STAKE SPRINGS DRAW NEAR RANGELY, CO. — DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	TIME	WEATHER	SURFACE AREA (SQUARE MILES)	SPECIFIC CONDUCTANCE (MICROMHOS)	ALKALINITY AS CACO3 (MG/L)	TOTAL FILTRABLE RESIDUE (MG/L)	TOTAL NONFILTRABLE RESIDUE (MG/L)	DISSOLVED ORGANIC NITROGEN (N) (MG/L)	DISSOLVED AMMONIA NITROGEN (N) (MG/L)	PHOSPHATE (PO4) (MG/L)	DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L)
SEP											
12...	1145	--	26	--	120	--	--	1.6	.00	34	.09
12...	1146	0	26	700	--	460	390	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306230 - STAKE SPRINGS DRAW NEAR RANGELY, CO.

PROCESS DATE 12/07/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	HARDNESS (CA,MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	PERCENT SODIUM	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED BORON (B) (UG/L)	DISSOLVED ALUMINUM (AL) (UG/L)	ATMOSPHERIC ODOR (SEVERITY)	DISSOLVED GROSS BETA AS CS-137 (PC/L)	SUSPENDED GROSS BETA AS CS-137 (PC/L)
SEP										
12...	190	65	1.9	40	11	210	210	--	--	--
12...	--	--	--	--	--	--	--	1	23	26

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY — PROCESS DATE 12/07/77
09306230 - STAKE SPRINGS DRAW NEAR RANGELY, CO. — DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	DIS-SOLVED RA-226 (RADON METHOD) (PC/L)	DIS-SOLVED NATURAL URANIUM (U) (UG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	DIS-SOLVED AMMONIA (NH4) (MG/L)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L)	SUS-PENDED GROSS ALPHA AS U-NAT. (UG/L)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L)	SUS-PENDED GROSS BETA AS SR90 /Y90 (PC/L)
SEP										
12...	--	--	367	.50	.00	6365	--	--	--	--
12...	.11	2.2	--	--	--	6365	13	110	18	22

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 11/01/77
09306235 - CORRAL GULCH BELOW WATER GULCH, NR RANGELY, CO. DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	TIME	TEMPERATURE (DEG C)	WEATHER	SURFACE AREA (SQUARE MILES)	INSTANTANEOUS DISCHARGE (CFS)	TURBIDITY (NTU)	COLOR (PLATINUM-COBALT UNITS)	SPECIFIC CONDUCTANCE (MICROMHOS)	DISSOLVED OXYGEN (MG/L)	PH (UNITS)
OCT										
12...	1040	11.0	0	8.6	.15	2.0	3	1000	10.3	8.0

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 11/01/77
09306235 - CORRAL GULCH BELOW WATER GULCH, NR RANGELY, CO. DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	CARBONATE (CO3) (MG/L)	DISSOLVED ORGANIC NITROGEN (N) (MG/L)	DISSOLVED AMMONIA NITROGEN (N) (MG/L)	DISSOLVED KJEL. NITROGEN (N) (MG/L)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L)	PHOSPHATE (PO4) (MG/L)	DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DISSOLVED ORTHO, PHOSPHORUS (P) (MG/L)	DISSOLVED ORGANIC CARBON (C) (MG/L)
OCT 12...	0	.30	.00	.30	.83	.03	.03	.01	.01	22

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306235 - CORRAL GULCH BELOW WATER GULCH, NR RANGELY, CO.
PROCESS DATE 11/01/77
DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	SUS-PENDED ORGANIC CARBON (C) (MG/L)	HARD-NESS (CA,MG) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	SODIUM AD-SORP-TION RATIO	PERCENT SODIUM	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
OCT 12...	.1	480	90	62	99	2.0	31	2.0	9.3	290

APPENDIX 5-2 (continued)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 11/01/77
09306235 - CORRAL GULCH BELOW WATER GULCH, NR RANGELY, CO. DISTRICT CODE 08

WATER QUALITY DATA, WATER YEAR OCTOBER 1976 TO SEPTEMBER 1977

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	ATMOS-PHERIC ODOR (SEVER-ITY)	TUR-BID-ITY (SEVER-ITY)	DIS-SOLVED SOLIDS (TONS PER DAY)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	DIS-SOLVED AMMONIA (NH4) (MG/L)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL)
OCT									
12...	.3	22	100	0	0	.30	1.01	.00	6980

Form 1279–3
(June 1984)

BORROWE

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